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# ALL MESHES IN REAL-SIZE



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SIDE A

**Fils 21**



**E 45 x 15 (13,4) - 5 x t**

| TYPE | SW

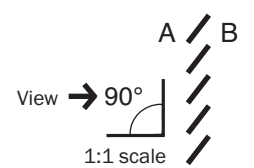
| SW NOMINAL

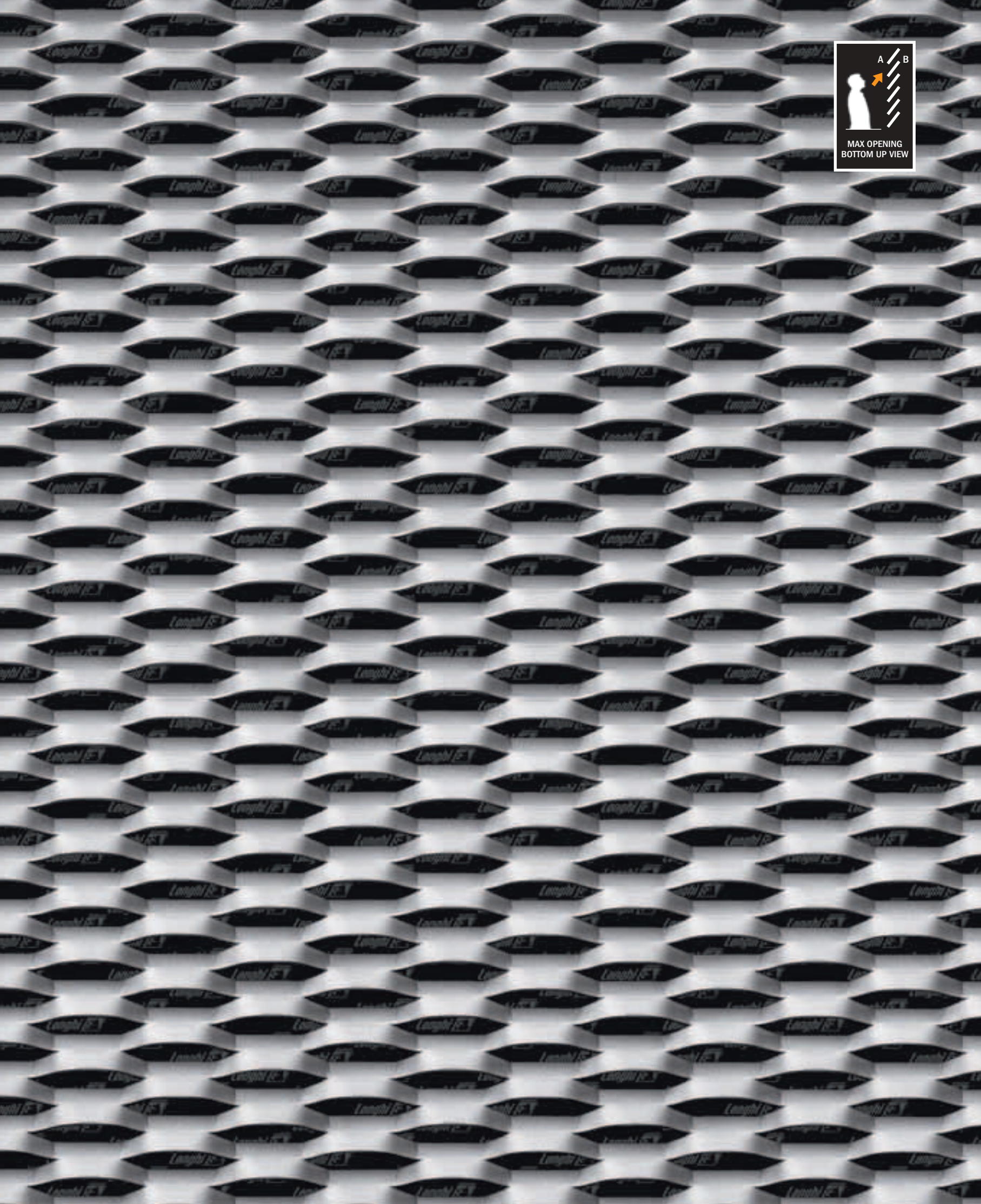
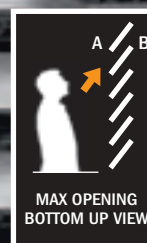
| SW ACTUAL

| w

| t

*pro*tech





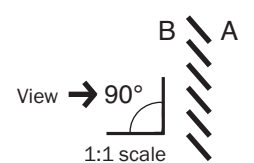
| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 45 x 15 (13,4) - 5 x <b>1,5</b>       | 8,80                            | 3,00                           | LW 1000 x SW 2000            | 7 (~) ◆  | 33,3 (~)          |
| E 45 x 15 (13,4) - 5 x <b>2,0</b>       | 11,60                           | 4,00                           | LW 1250 x SW 2500            |  |                   |
| E 45 x 15 (13,4) - 5 x <b>3,0</b>       | 17,50                           | 6,00                           | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2000 Max |  |                   |

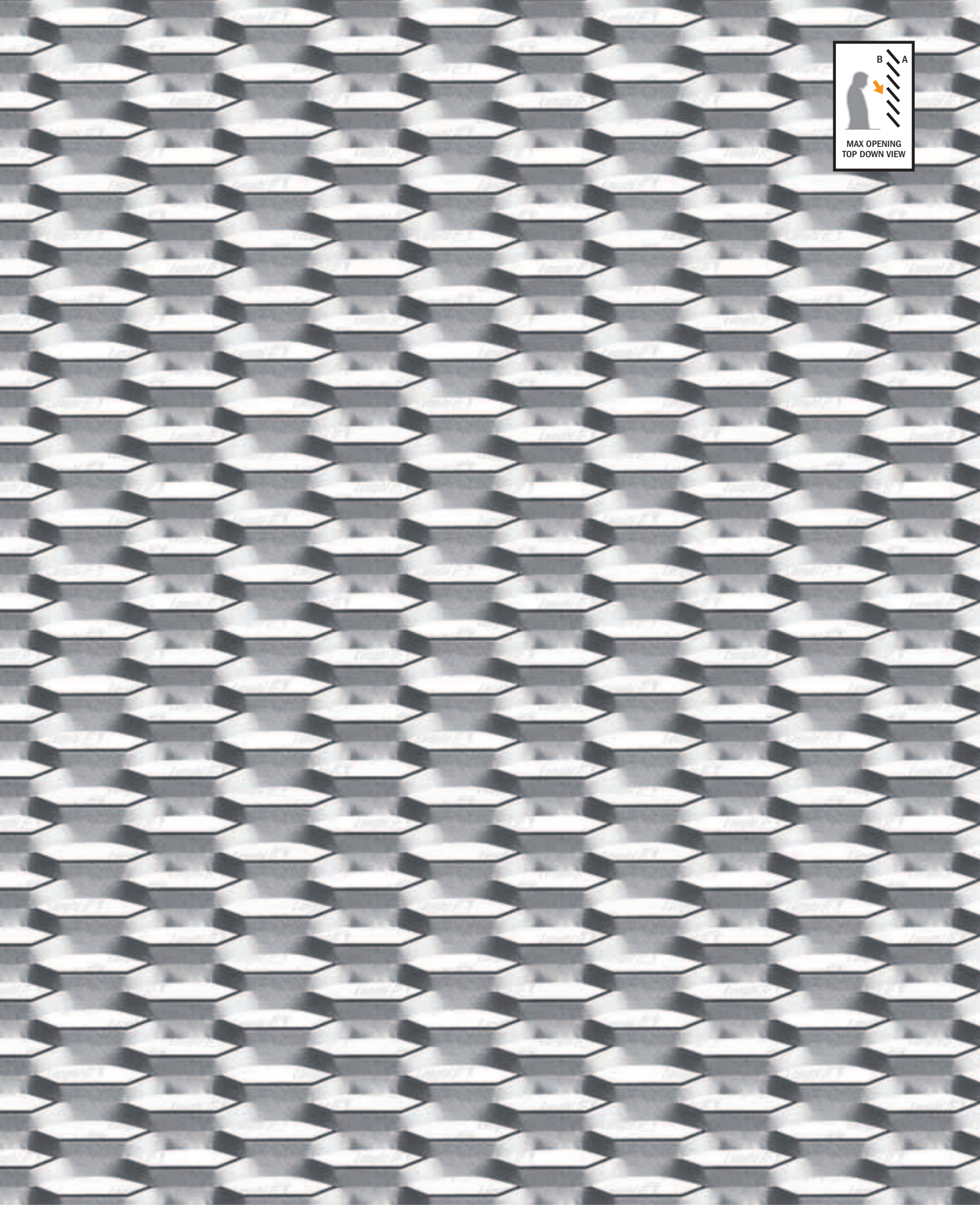
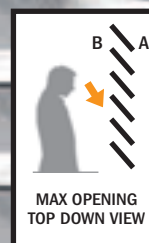
◆ Framing profiles: see page 192

SIDE **B**

**Fils 21**

**E 45 x 15 (13,4) - 5 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

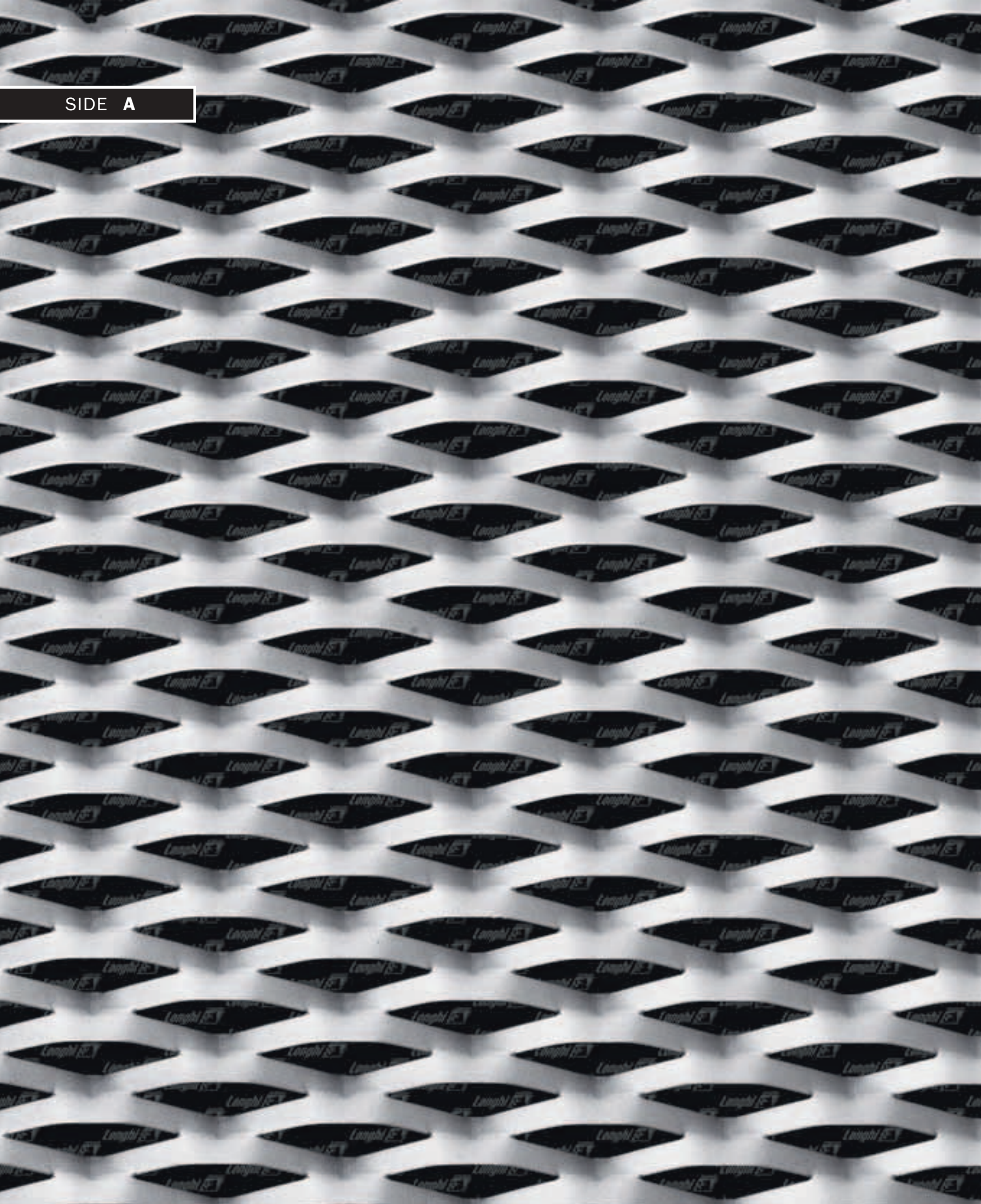




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 45 x 15 (13,4) - 5 x <b>1,5</b>       | 8,80                            | 3,00                           | LW 1000 x SW 2000            | 7 (~) ◆  | 33,3 (~)          |
| E 45 x 15 (13,4) - 5 x <b>2,0</b>       | 11,60                           | 4,00                           | LW 1250 x SW 2500            |  |                   |
| E 45 x 15 (13,4) - 5 x <b>3,0</b>       | 17,50                           | 6,00                           | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2000 Max |  |                   |

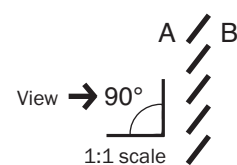
◆ Framing profiles: see page 192

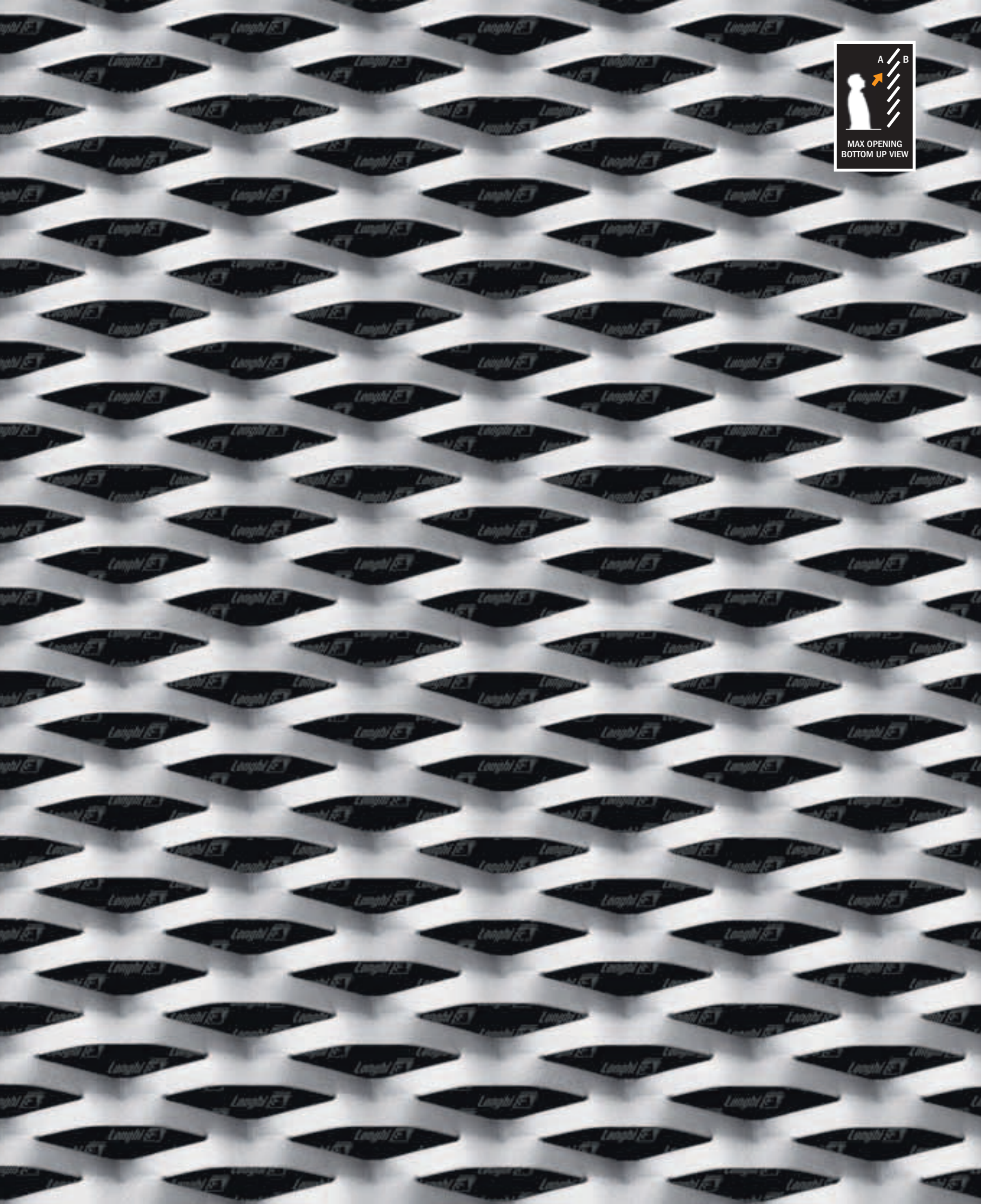
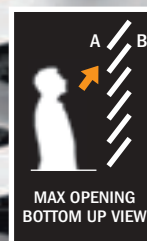
SIDE A



**Fils 5**

**R 62,5 x 20 (20) - 7,5 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t



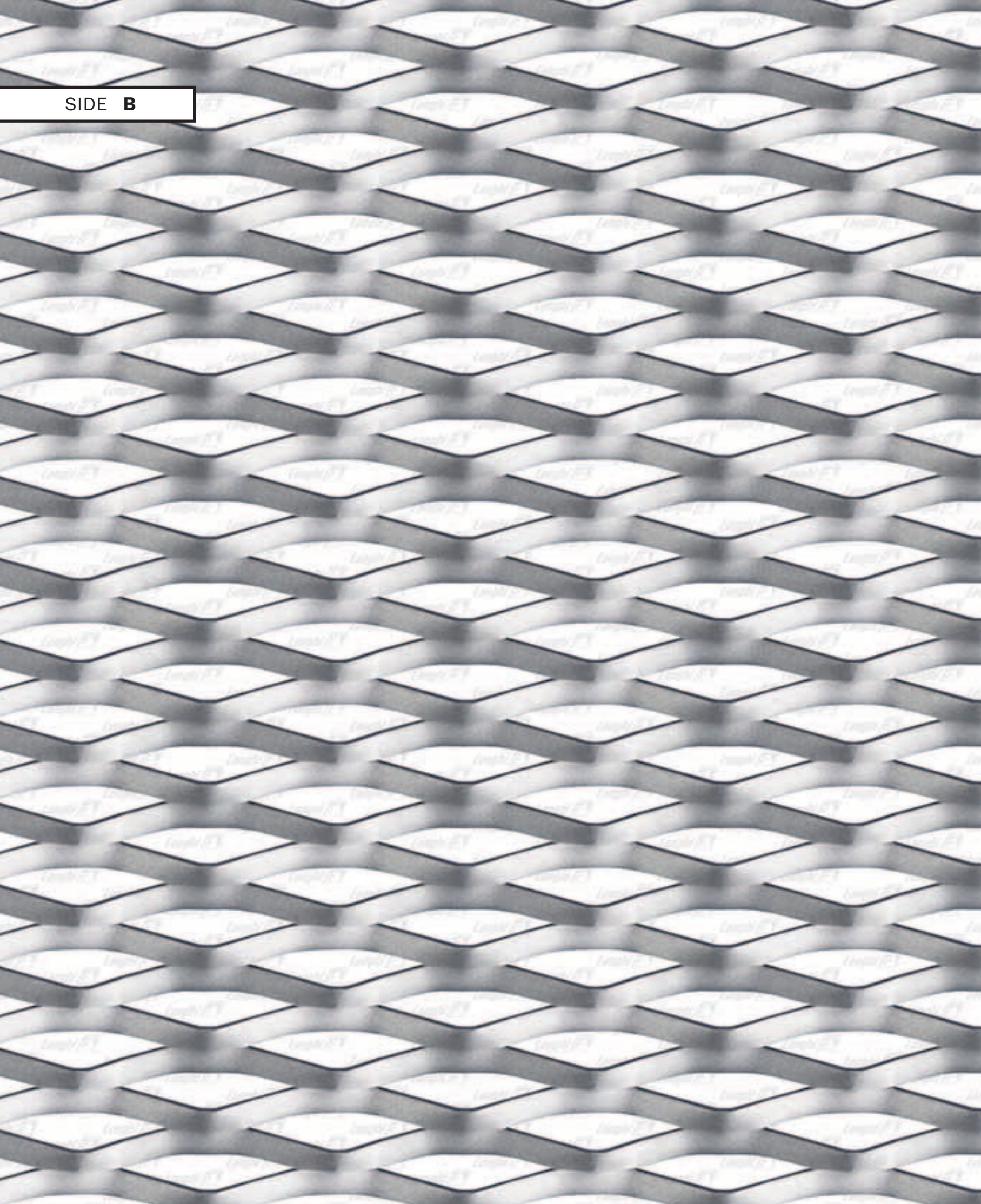


| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 62,5 x 20 (20) - 7,5 x <b>1,5</b>     | 9,00                            | 3,00                           | LW 1000 x SW 2000            | 10 (~) ◆                                       | 36,2 (~)          |
| R 62,5 x 20 (20) - 7,5 x <b>2,0</b>     | 12,00                           | 4,00                           | LW 1250 x SW 2500            |  |                   |
| R 62,5 x 20 (20) - 7,5 x <b>3,0</b>     | 18,00                           | 6,00                           | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2000 Max |  |                   |

◆ Framing profiles: see page 192

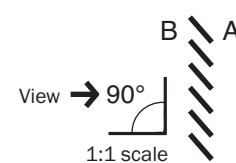


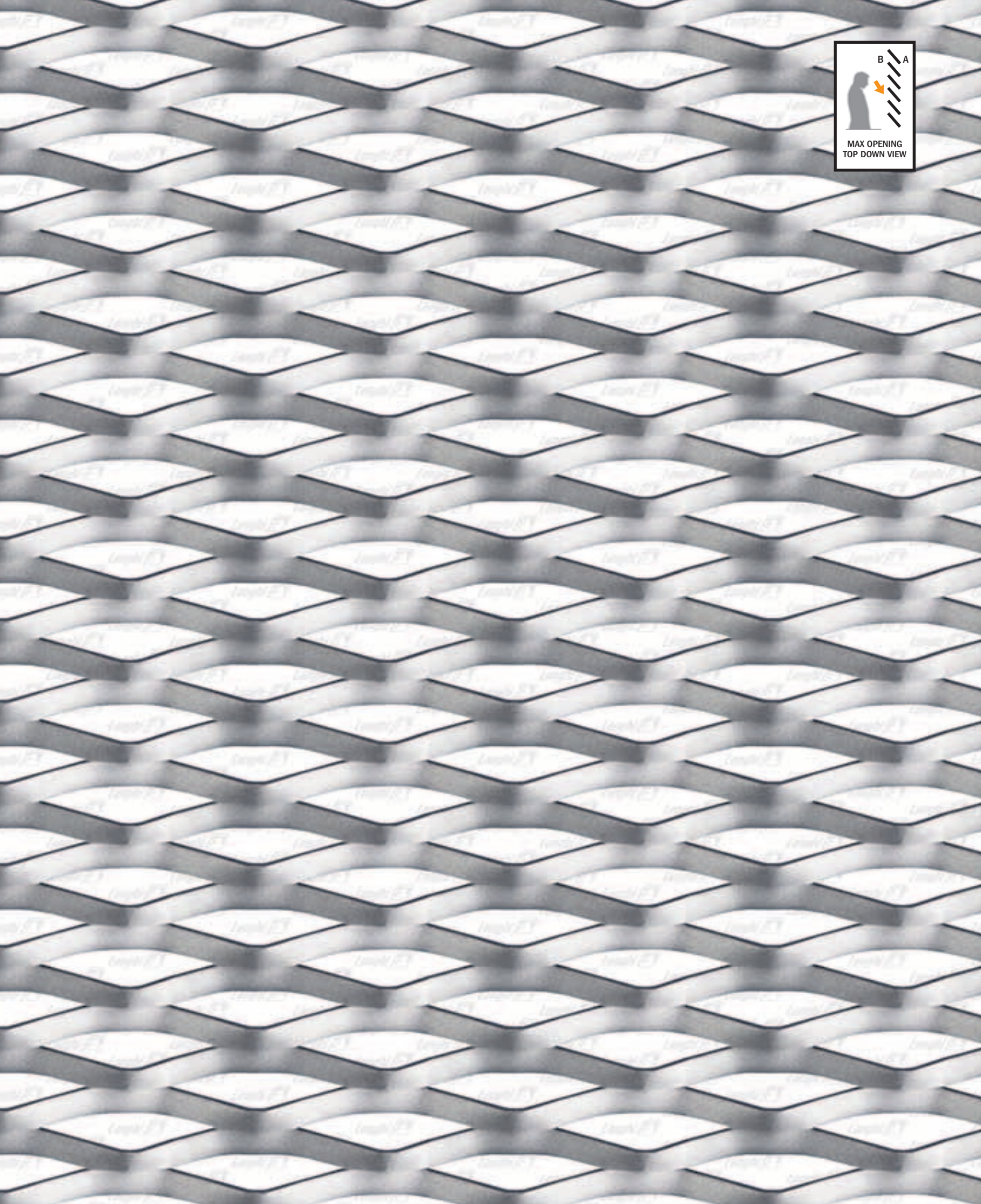
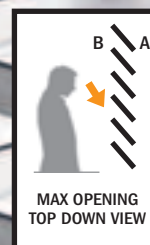
SIDE **B**



**Fils 5**

**R 62,5 x 20 (20) - 7,5 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

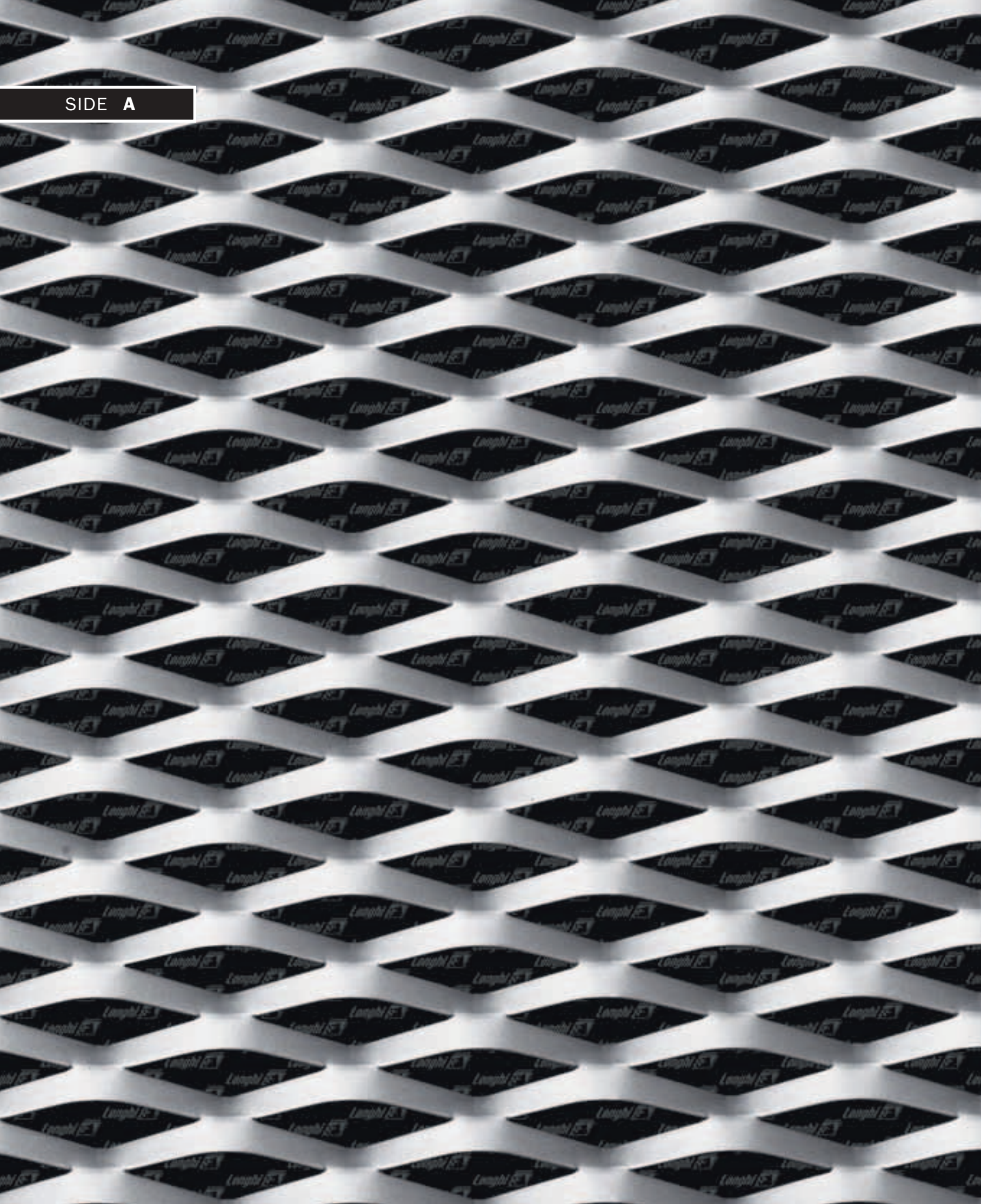




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| R 62,5 x 20 (20) - 7,5 x <b>1,5</b>     | 9,00                            | 3,00                           | <b>LW</b> 1000 x <b>SW</b> 2000   | 10 (~) ◆                                       | 36,2 (~)          |
| R 62,5 x 20 (20) - 7,5 x <b>2,0</b>     | 12,00                           | 4,00                           | <b>LW</b> 1250 x <b>SW</b> 2500   |  |                   |
| R 62,5 x 20 (20) - 7,5 x <b>3,0</b>     | 18,00                           | 6,00                           | <b>LW</b> 1500 x <b>SW</b> 3000<br><b>LW</b> 2000 - 2500 x <b>SW</b> 2000 Max |  |                   |

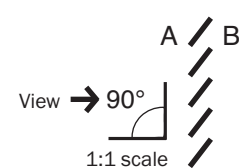
◆ Framing profiles: see page 192

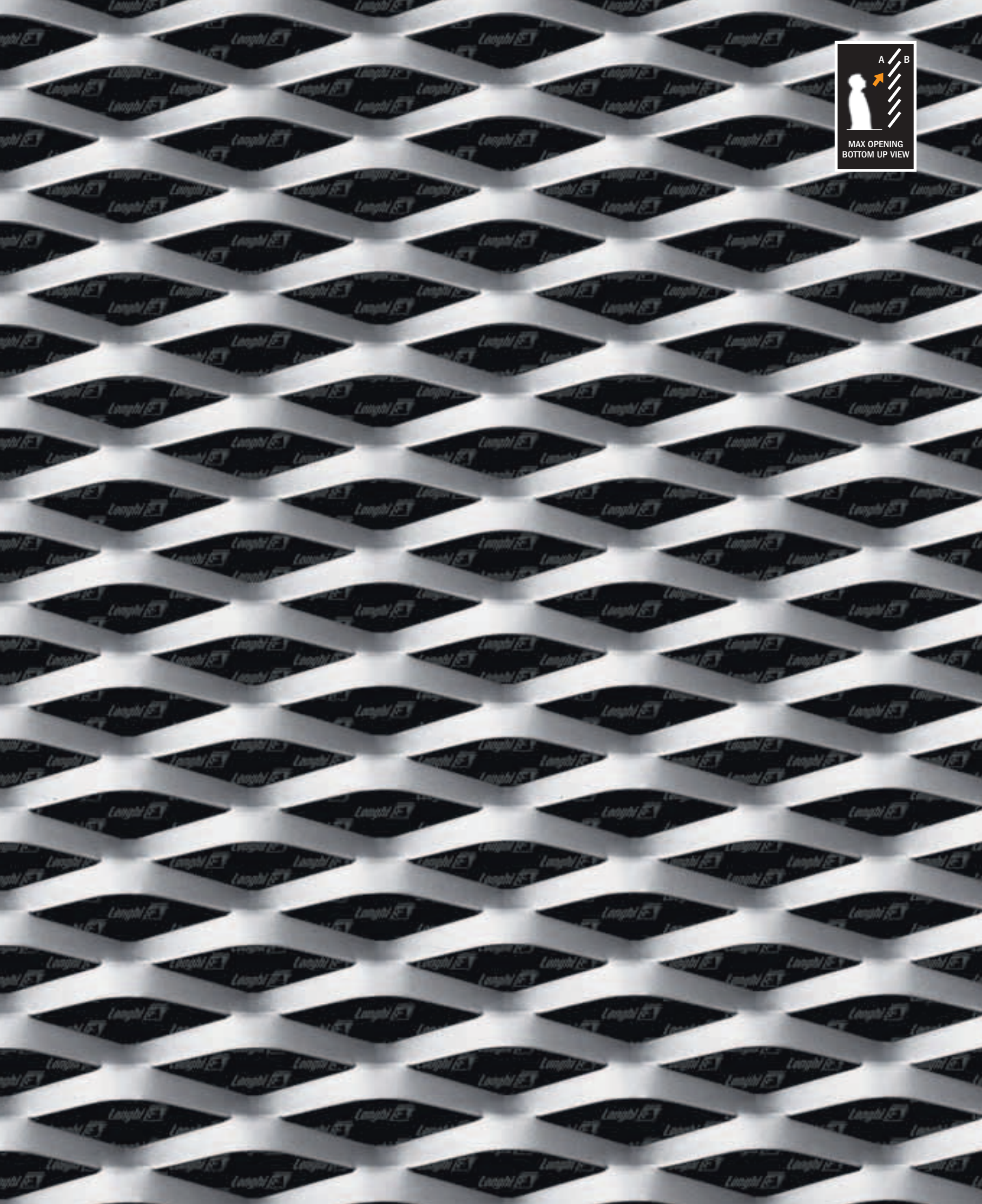
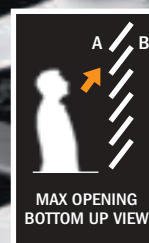
SIDE A



**Airport**

**R 62,5 x 20 (25,5) - 9,1 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 62,5 x 20 (25,5) - 9,1 x <b>1,5</b>   | 8,20                            | 2,70                           | LW 1000 x SW 2000            | 11 (~) ◆                                       | 42 (~)            |
| R 62,5 x 20 (25,5) - 9,1 x <b>2,0</b>   | 11,00                           | 3,60                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2000 Max |  |                   |

◆ Framing profiles: see page 192

SIDE **B**

**Airport**



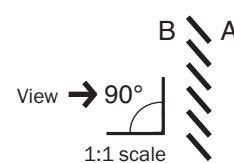
**R 62,5 x 20 (25,5) - 9,1 x t**

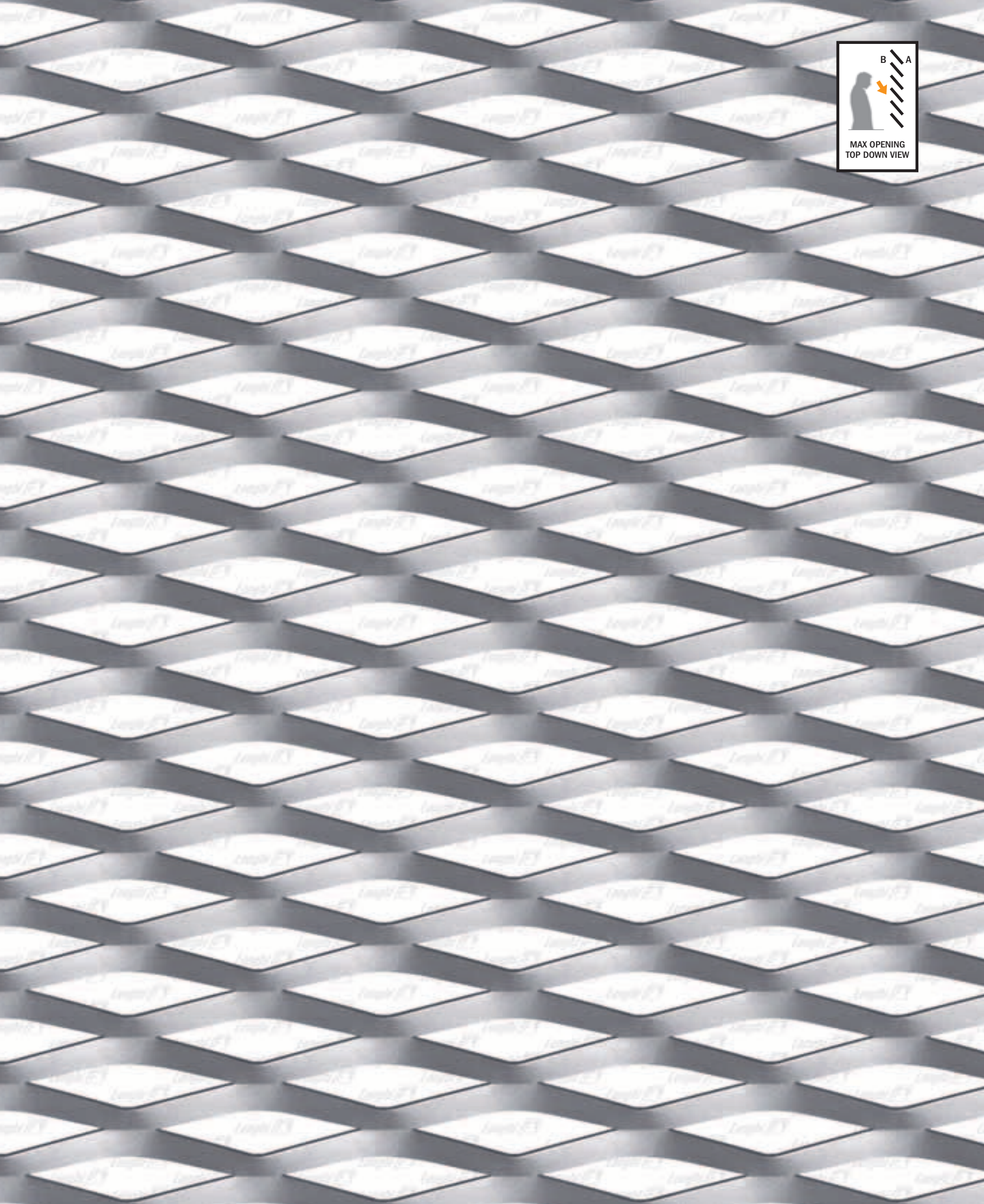
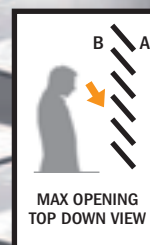
| TYPE | LW

| SW NOMINAL | SW ACTUAL

| w

| t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 62,5 x 20 (25,5) - 9,1 x <b>1,5</b>   | 8,20                            | 2,70                           | LW 1000 x SW 2000            | 11 (~) ◆                                       | 42 (~)            |
| R 62,5 x 20 (25,5) - 9,1 x <b>2,0</b>   | 11,00                           | 3,60                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2000 Max |  |                   |

◆ Framing profiles: see page 192

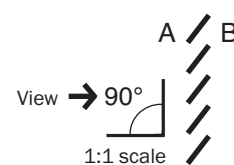
SIDE A

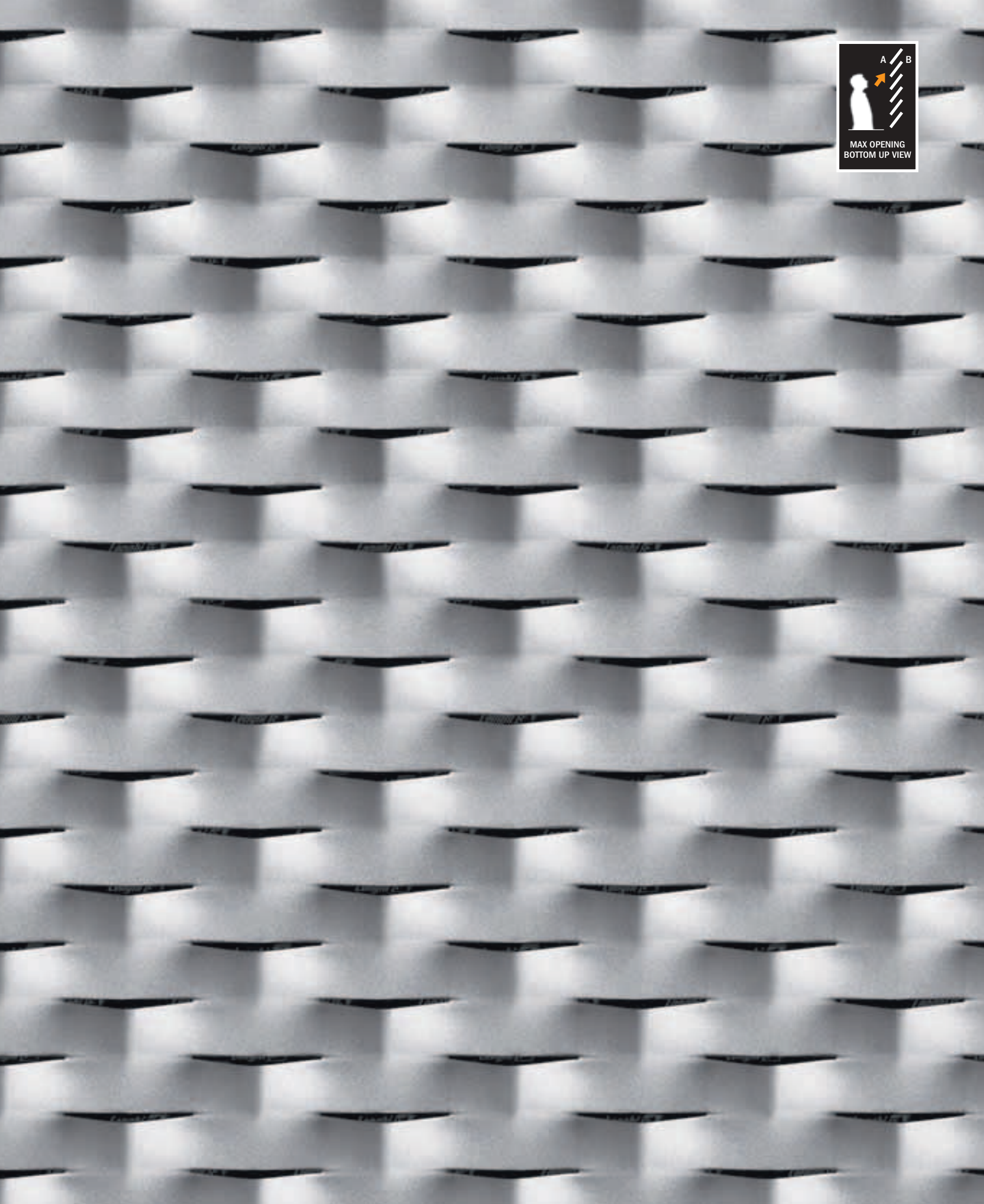
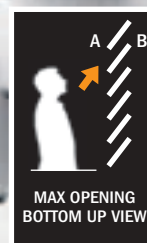
**Privacy**



**R 62,5 x 20 (29) - 14 x t**

| TYPE | LW | | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                  | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| R 62,5 x 20 (29) - 14 x <b>1,5</b>      | 11,70                           | 3,90                           | <b>LW</b> 1000 x <b>SW</b> 2000            | 8 (~) ◆  | 5,3 (~)           |
| R 62,5 x 20 (29) - 14 x <b>2,0</b>      | 15,60                           | 5,20                           | <b>LW</b> 1250 x <b>SW</b> 2500            |  |                   |
|   |                                 |                                | <b>LW</b> 1500 x <b>SW</b> 3000            |  |                   |
|   |                                 |                                | <b>LW</b> 2000 - 2500 x <b>SW</b> 1500 Max |  |                   |

◆ Framing profiles: see page 192



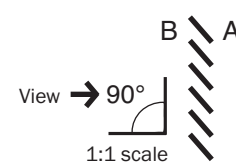
SIDE **B**

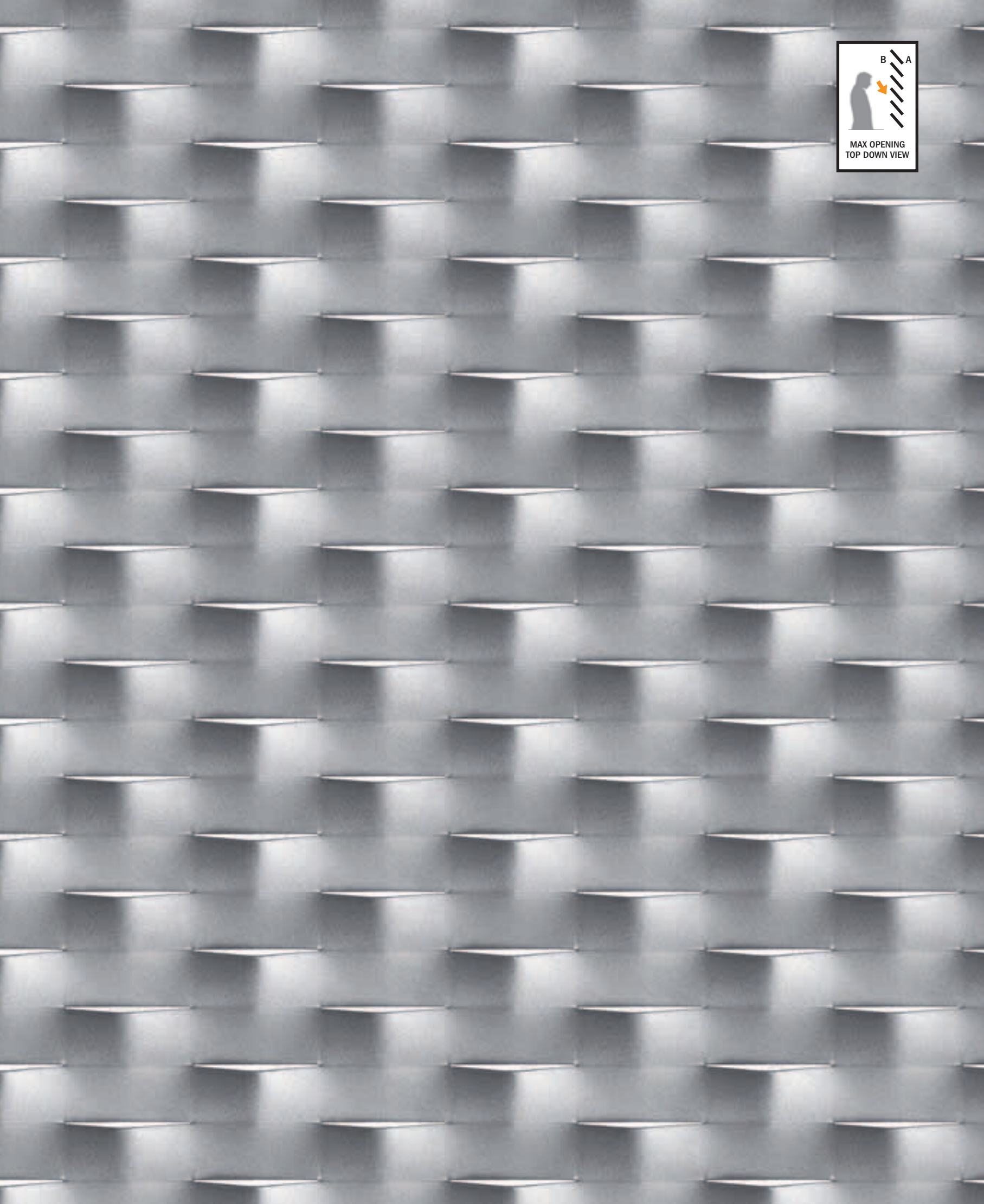
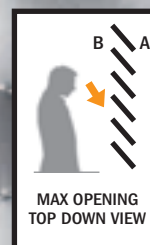
**Privacy**



**R 62,5 x 20 (29) - 14 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

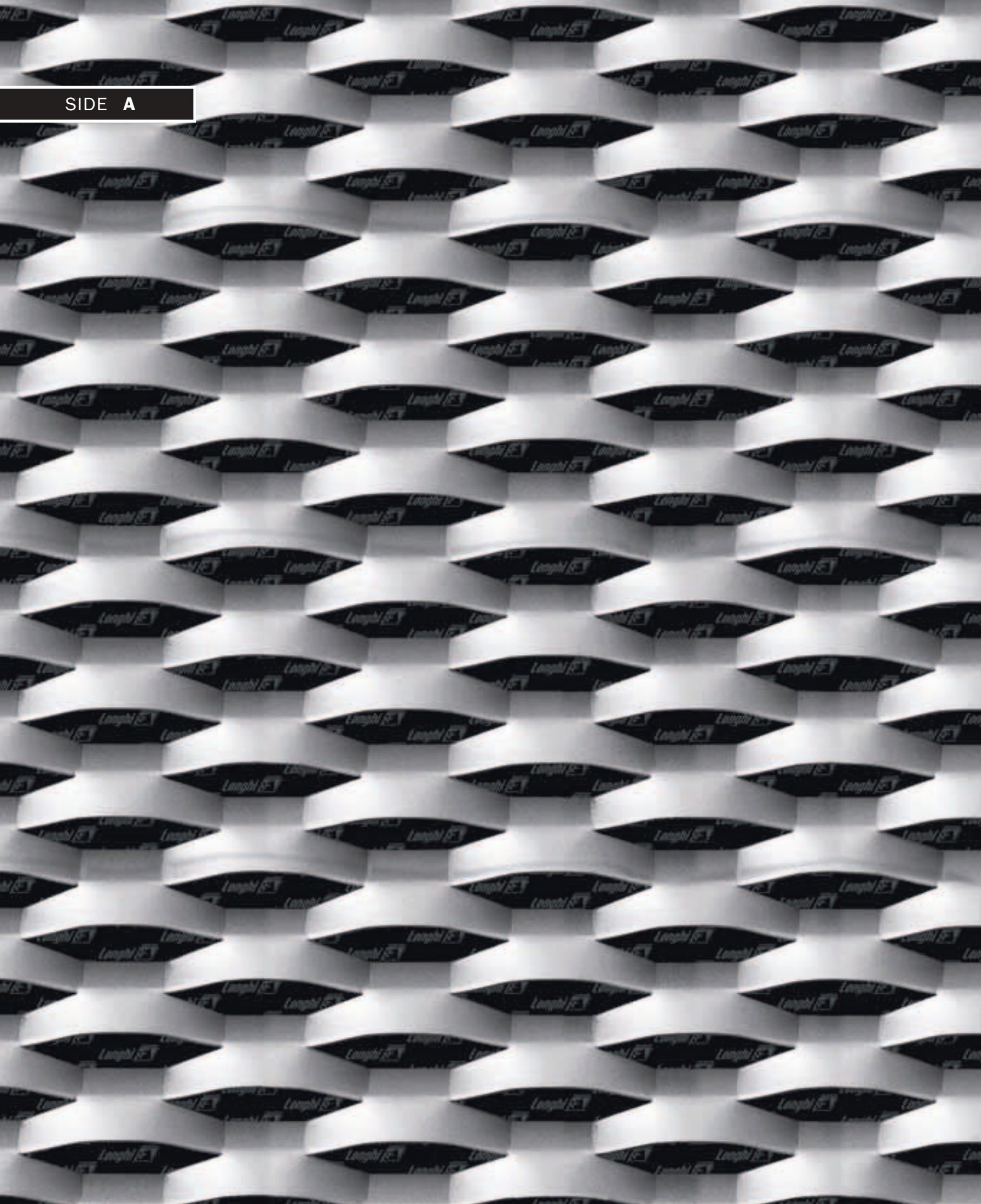




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 62,5 x 20 (29) - 14 x <b>1,5</b>      | 11,70                           | 3,90                           | LW 1000 x SW 2000            | 8 (~) ◆  | 5,3 (~)           |
| R 62,5 x 20 (29) - 14 x <b>2,0</b>      | 15,60                           | 5,20                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 1500 Max |  |                   |

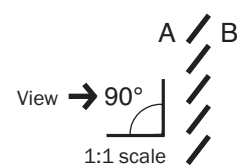
◆ Framing profiles: see page 192

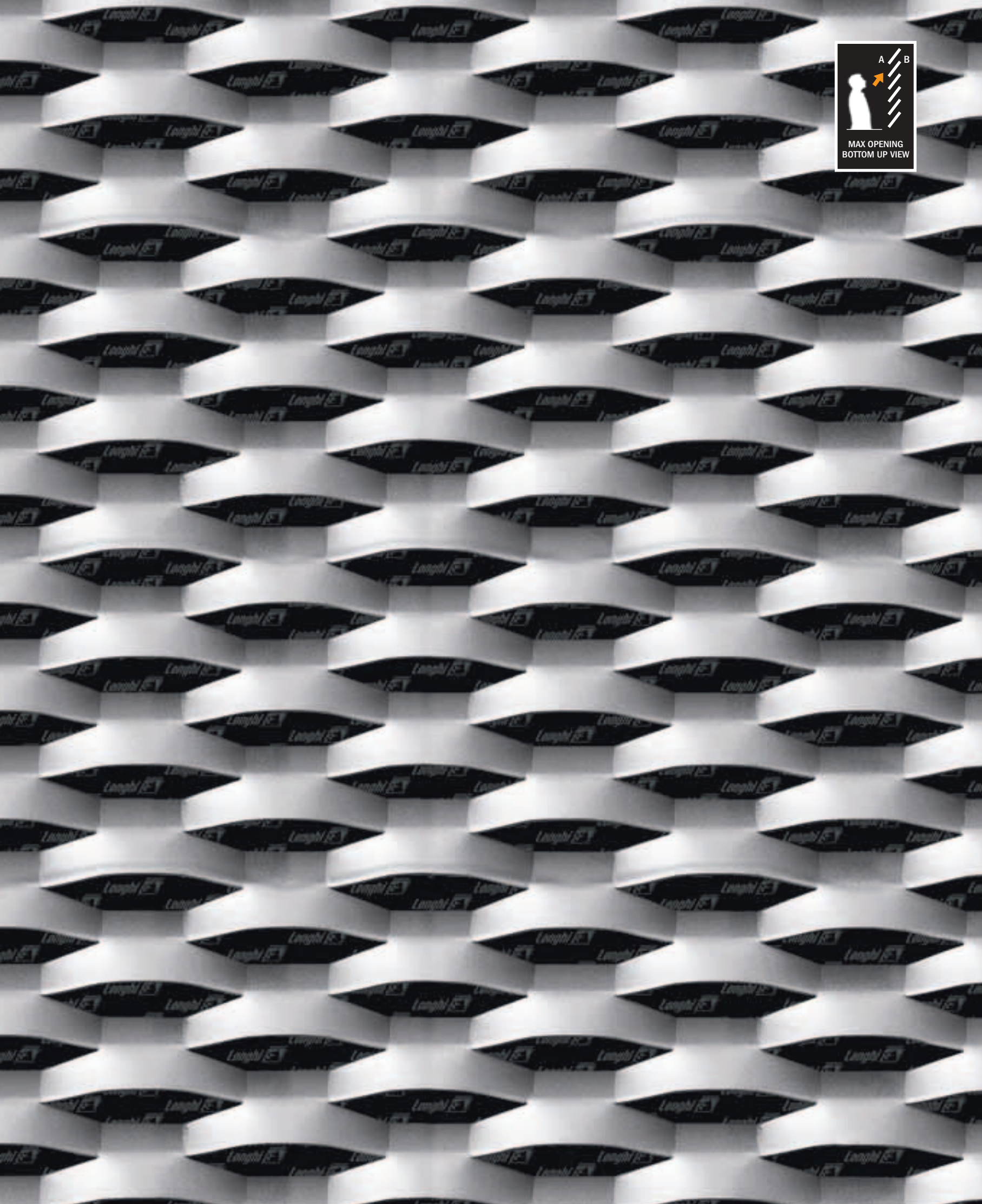
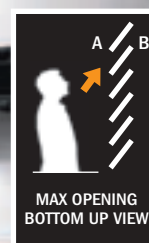
SIDE A



**Esedra**

**E 70 x 26 (26) - 10 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

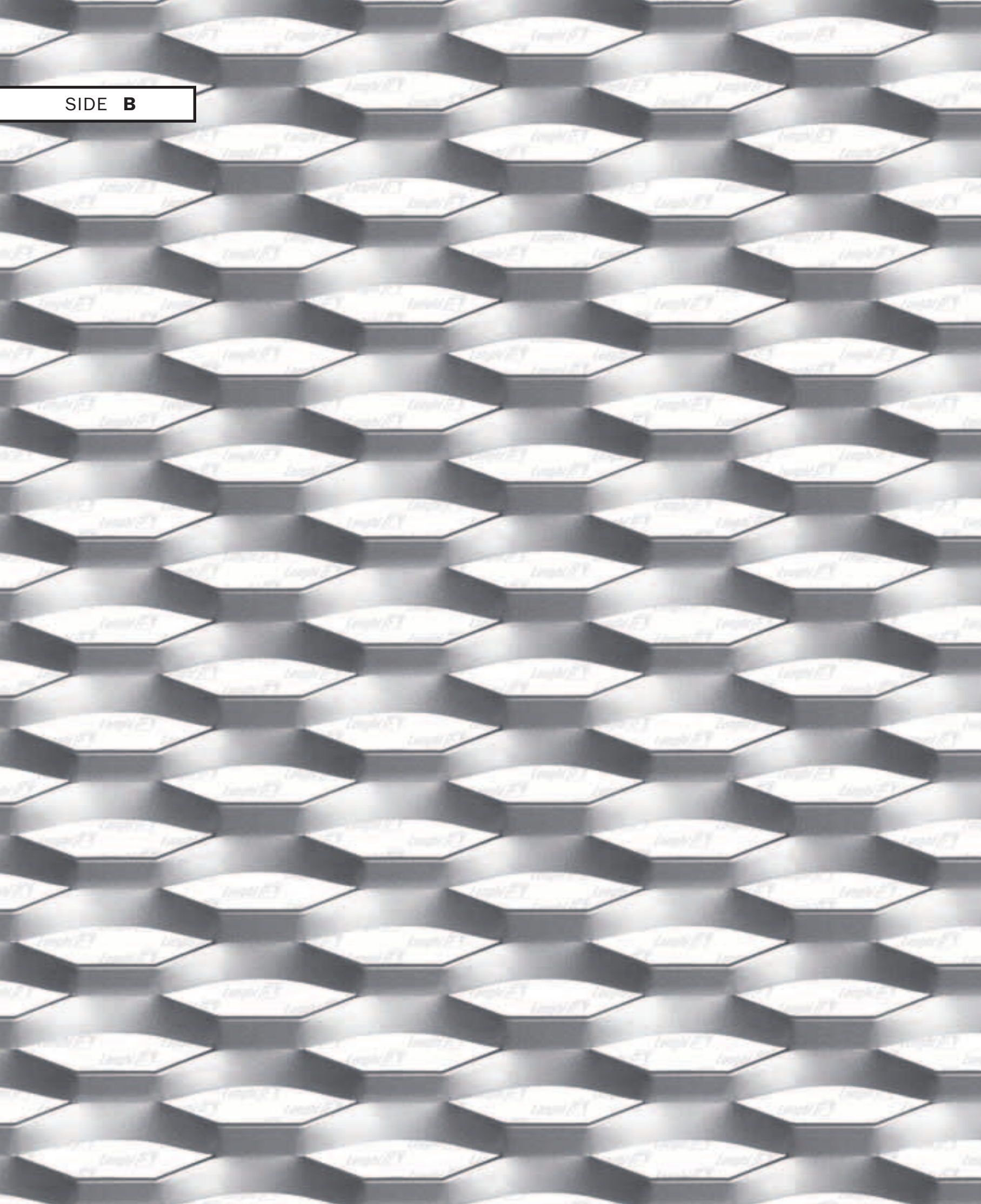




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                  | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| E 70 x 26 (26) - 10 x <b>1,5</b>        | 9,00                            | 3,10                           | <b>LW</b> 1000 x <b>SW</b> 2000            | 11 (~) ◆                                       | 29 (~)            |
| E 70 x 26 (26) - 10 x <b>2,0</b>        | 12,00                           | 4,20                           | <b>LW</b> 1250 x <b>SW</b> 2500            |  |                   |
|   |                                 |                                | <b>LW</b> 1500 x <b>SW</b> 3000            |  |                   |
|   |                                 |                                | <b>LW</b> 2000 - 2500 x <b>SW</b> 1800 Max |  |                   |

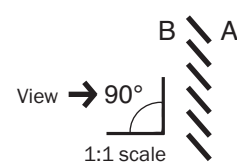
◆ Framing profiles: see page 192

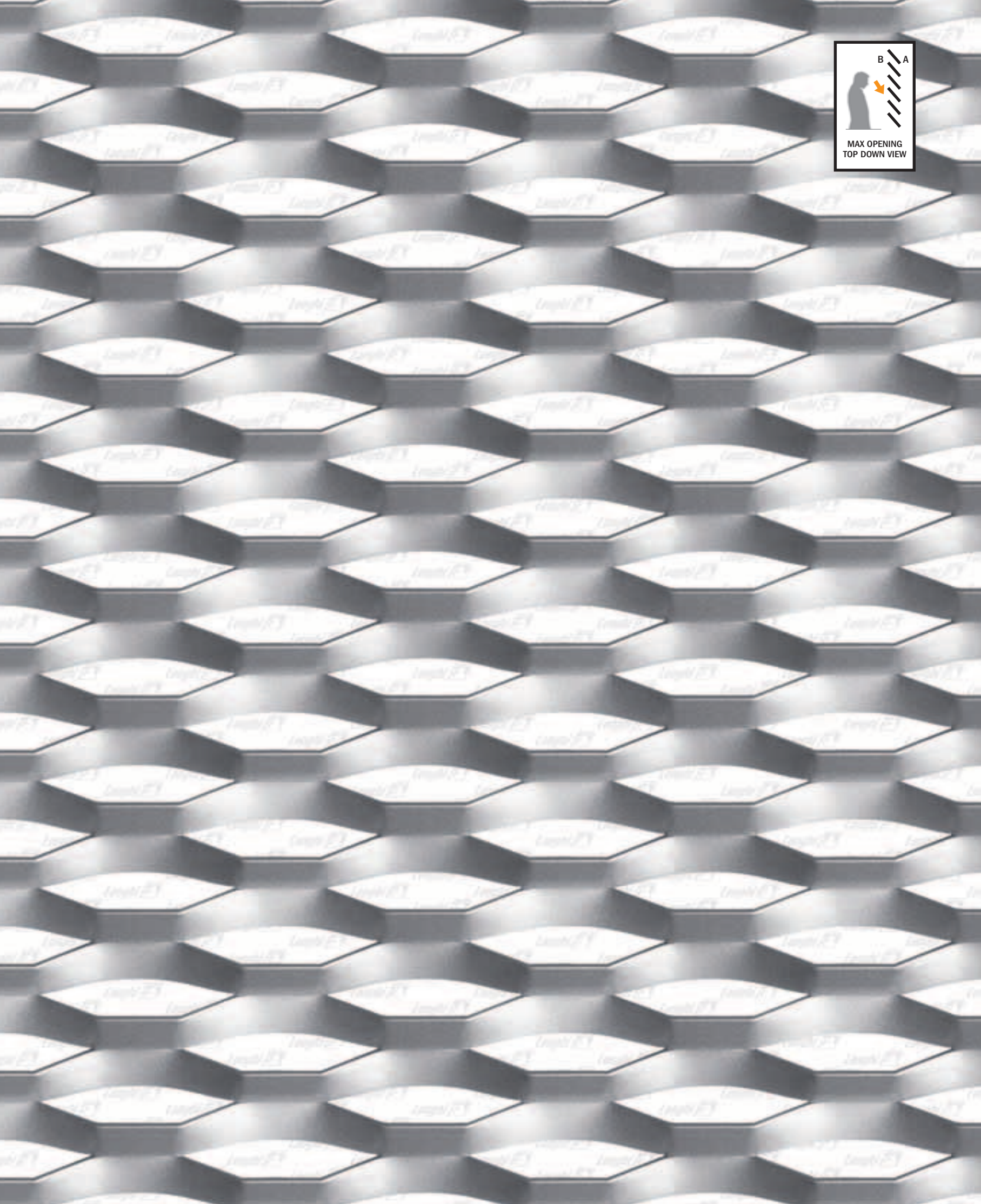
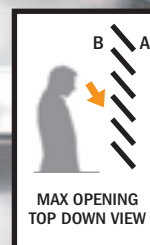
SIDE **B**



**Esedra**

**E 70 x 26 (26) - 10 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

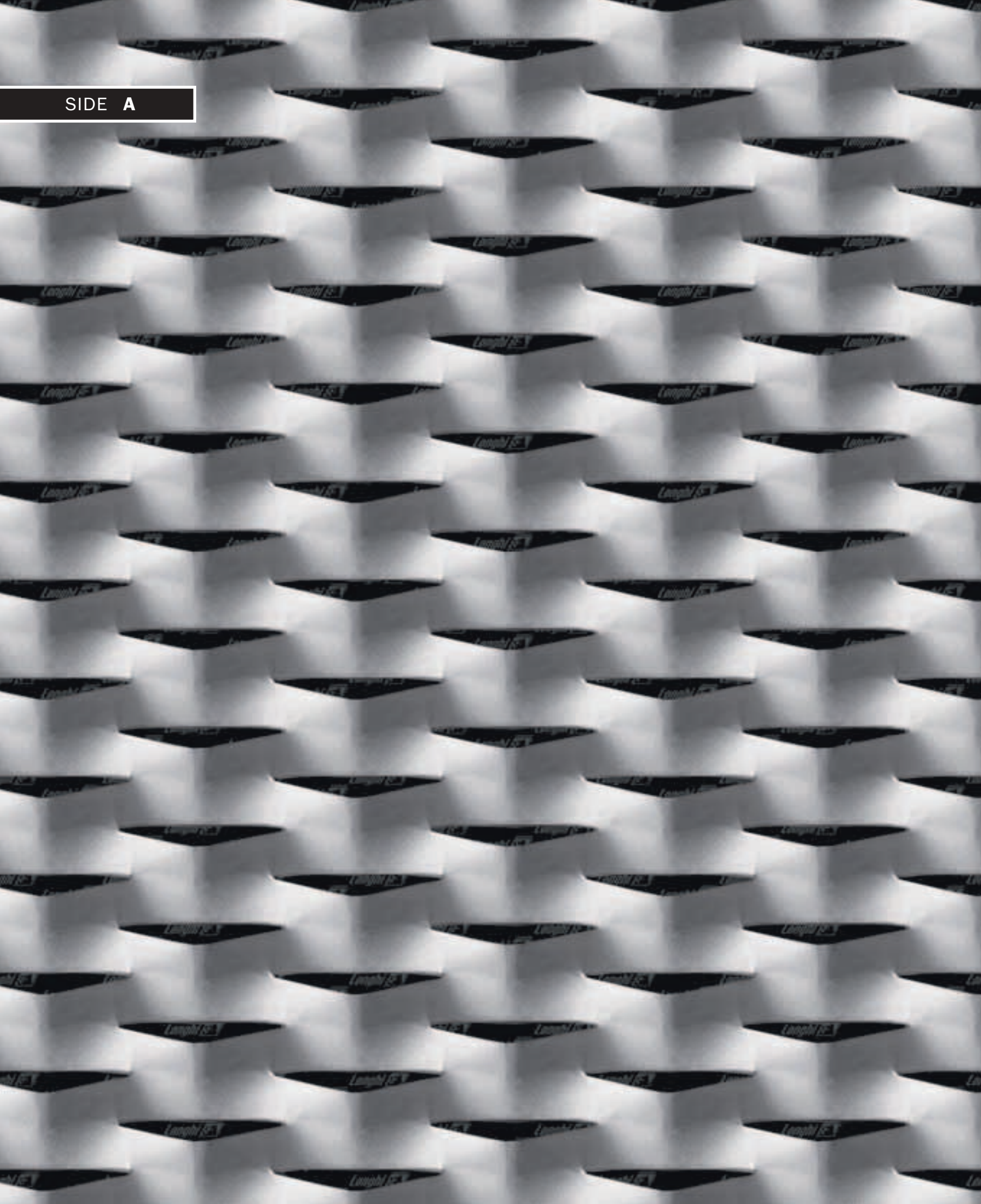




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)           | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|-------------------------------------|--|-------------------|
| E 70 x 26 (26) - 10 x <b>1,5</b>        | 9,00                            | 3,10                           | <b>LW 1000 x SW 2000</b>            | 11 (~) ◆                                       | 29 (~)            |
| E 70 x 26 (26) - 10 x <b>2,0</b>        | 12,00                           | 4,20                           | <b>LW 1250 x SW 2500</b>            |  |                   |
|   |                                 |                                | <b>LW 1500 x SW 3000</b>            |  |                   |
|   |                                 |                                | <b>LW 2000 - 2500 x SW 1800 Max</b> |  |                   |

◆ Framing profiles: see page 192

SIDE A

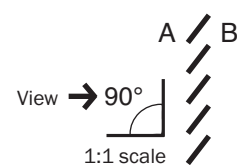


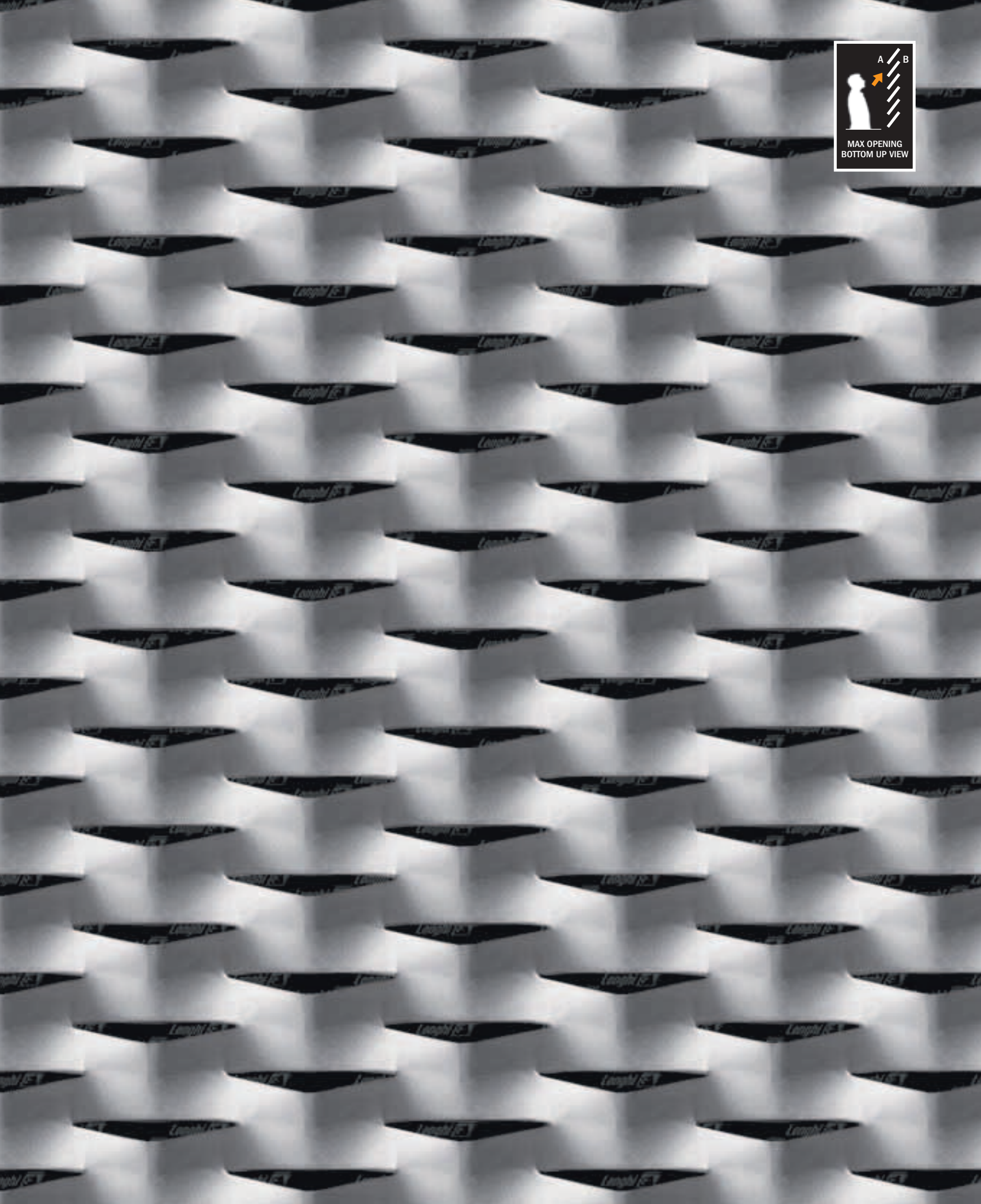
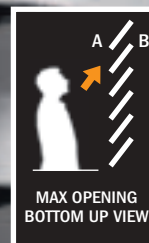
Idea



R 76 x 31 (24) - 11 x t

|TYPE |LW |SW NOMINAL |SW ACTUAL |w |t



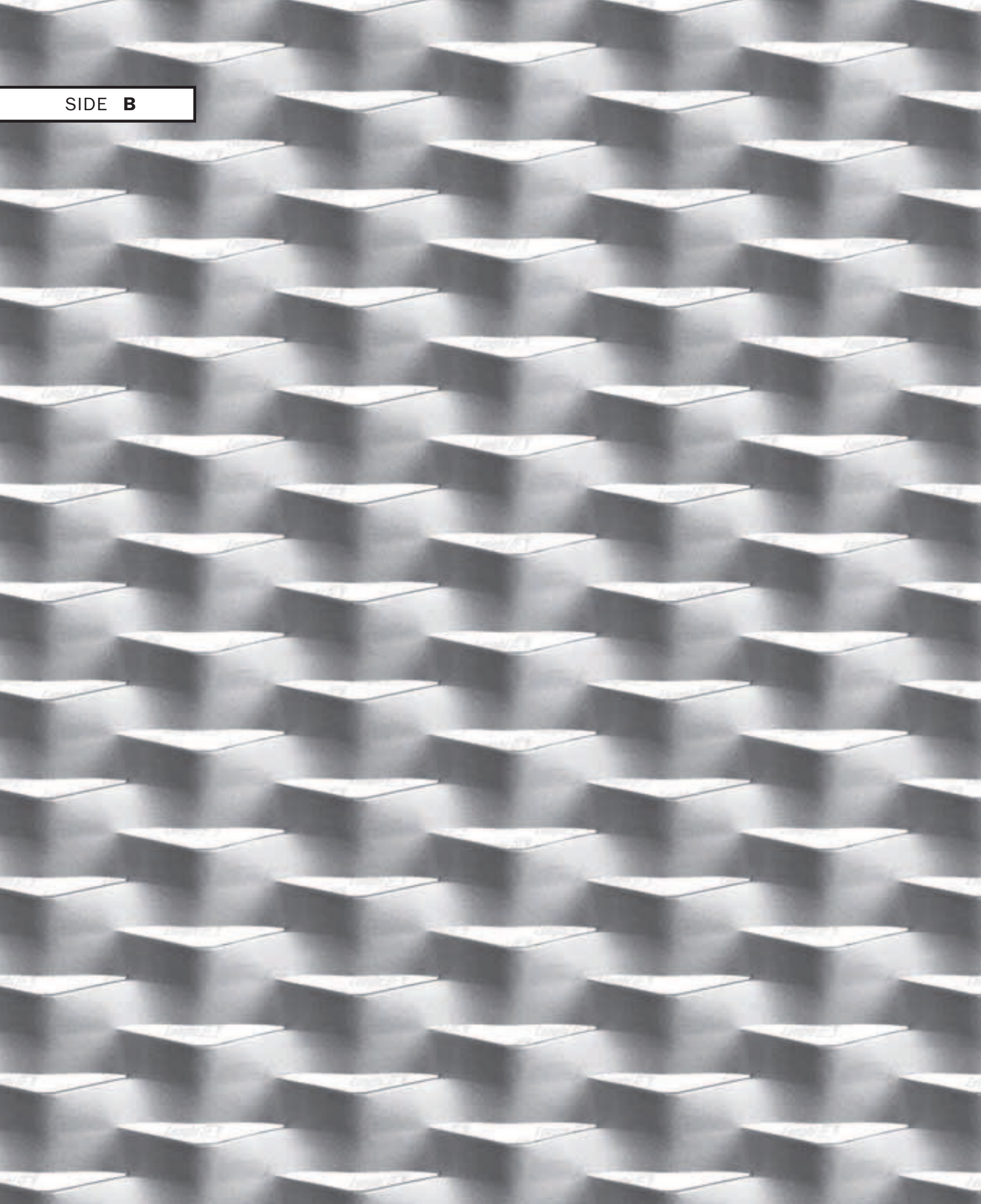


| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 76 x 31 (24) - 11 x <b>1,5</b>        | 10,60                           | 3,60                           | LW 1000 x SW 2000            | 11 (~) ◆                                       | 13,3 (~)          |
| R 76 x 31 (24) - 11 x <b>2,0</b>        | 14,10                           | 4,70                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 1600 Max |  |                   |

◆ Framing profiles: see page 192



SIDE **B**



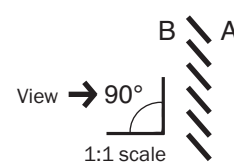
**Idea**

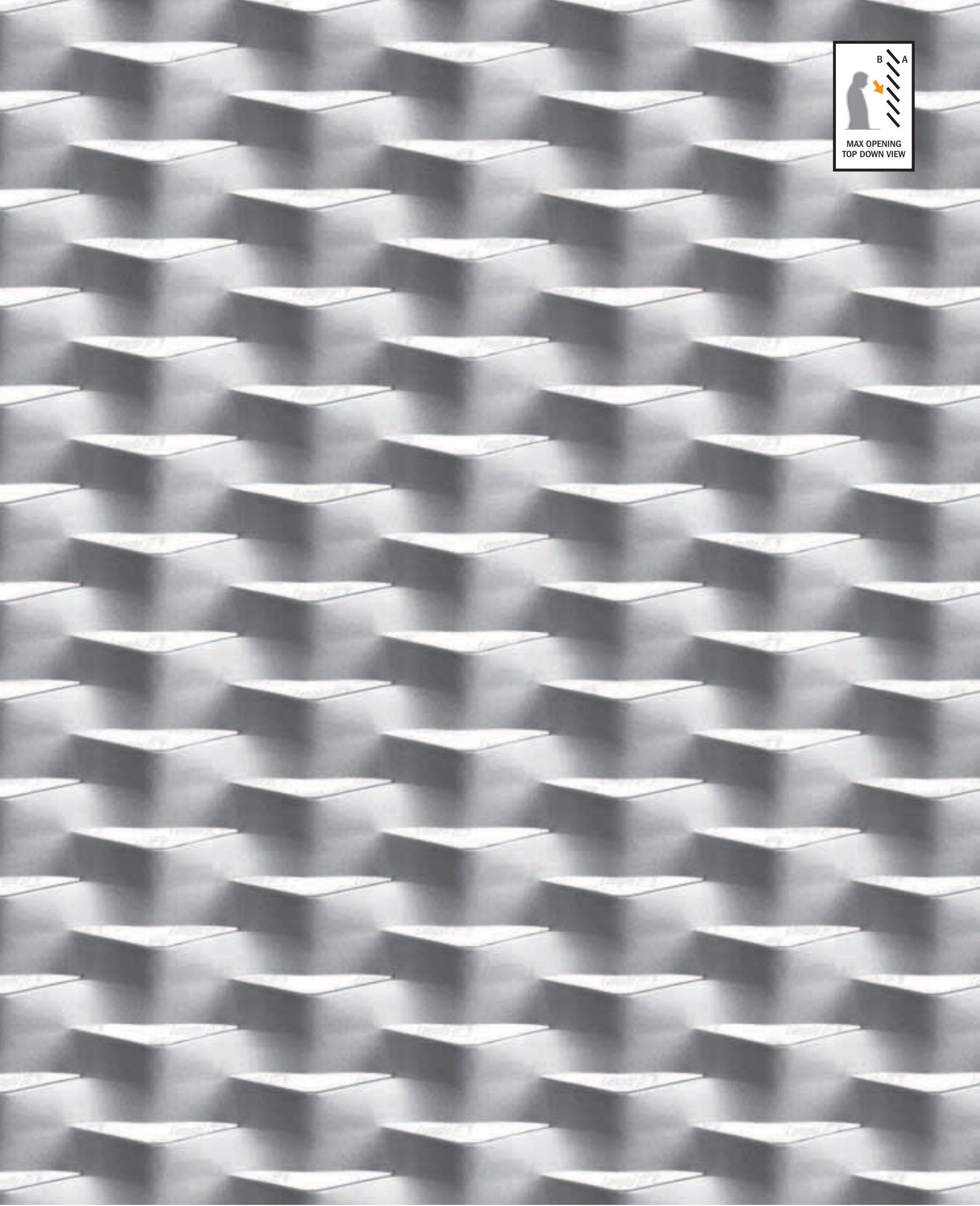
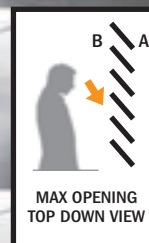


**R 76 x 31 (24) - 11 x t**

|TYPE |LW |SW NOMINAL |SW ACTUAL |w |t

*protech*

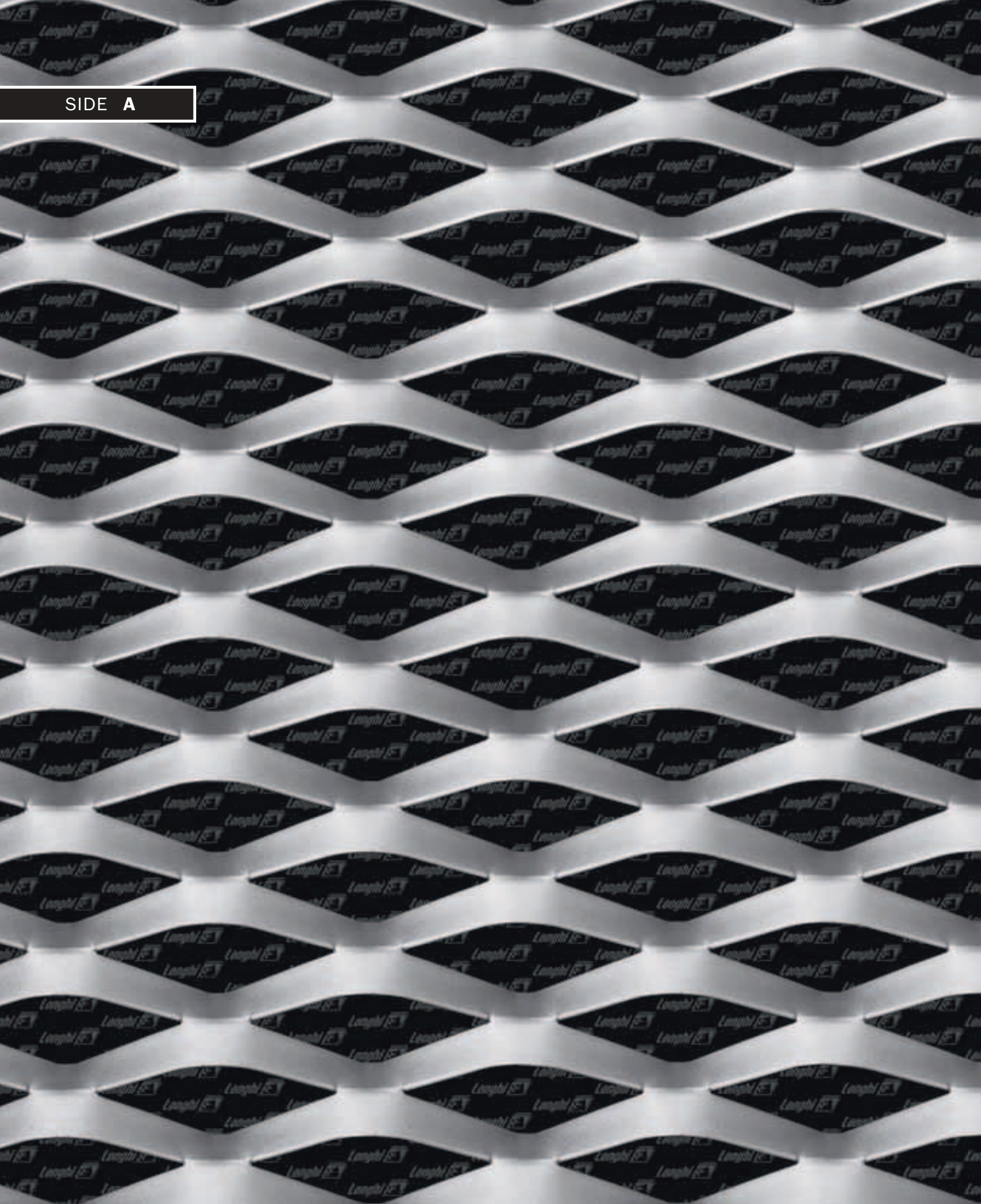




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| R 76 x 31 (24) - 11 x <b>1,5</b>        | 10,60                           | 3,60                           | <b>LW 1000 x SW 2000</b><br><b>LW 1250 x SW 2500</b><br><b>LW 1500 x SW 3000</b><br><b>LW 2000 - 2500 x SW 1600 Max</b> | 11 (~) ◆                                       | 13,3 (~)          |
| R 76 x 31 (24) - 11 x <b>2,0</b>        | 14,10                           | 4,70                           |   |  |                   |
|   |                                 |                                |   |  |                   |

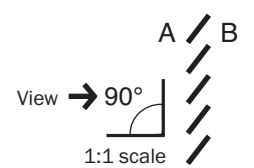
◆ Framing profiles: see page 192

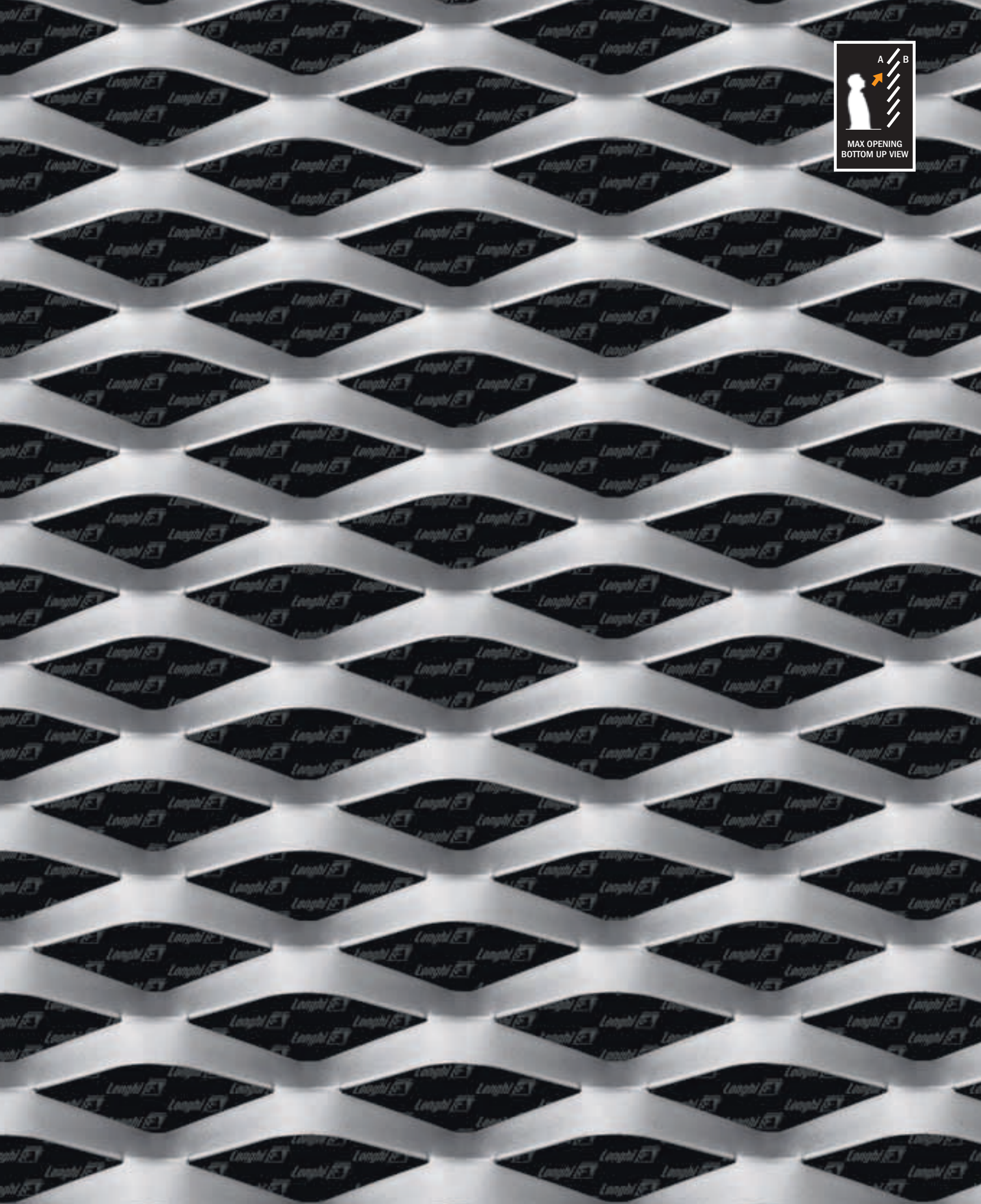
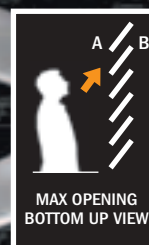
SIDE A



**Gate**

**R 76 x 31 (35) - 11 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

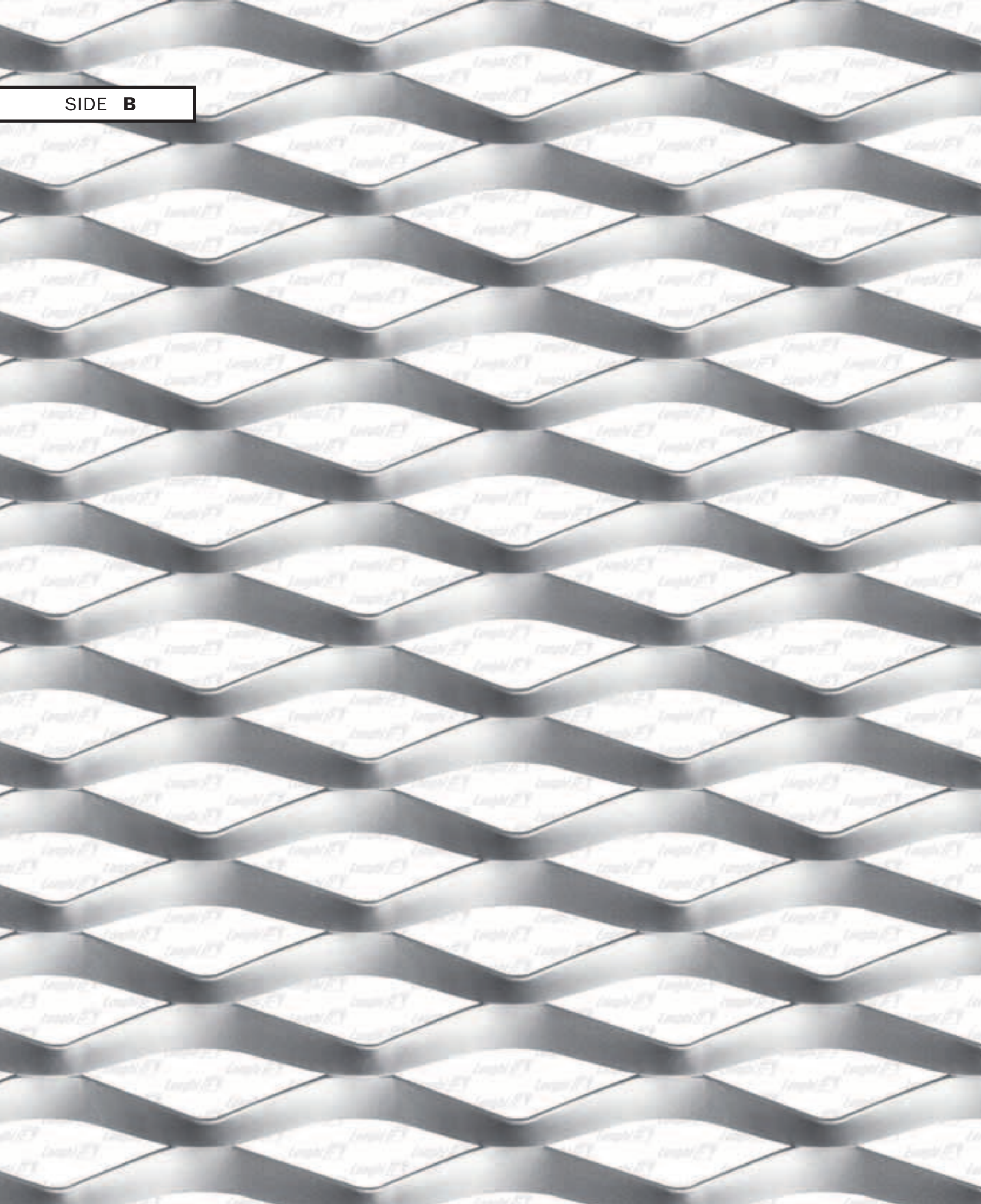




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| R 76 x 31 (35) - 11 x 1,5               | 7,80                            | 2,60                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000<br>LW 2000 - 2500 x SW 2300 Max | 14 (~) ◆                                       | 42 (~)            |
| R 76 x 31 (35) - 11 x 2,0               | 10,20                           | 3,40                           |   |  |                   |

◆ Framing profiles: see page 192

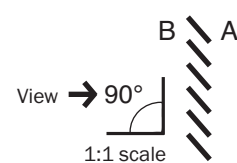
SIDE **B**

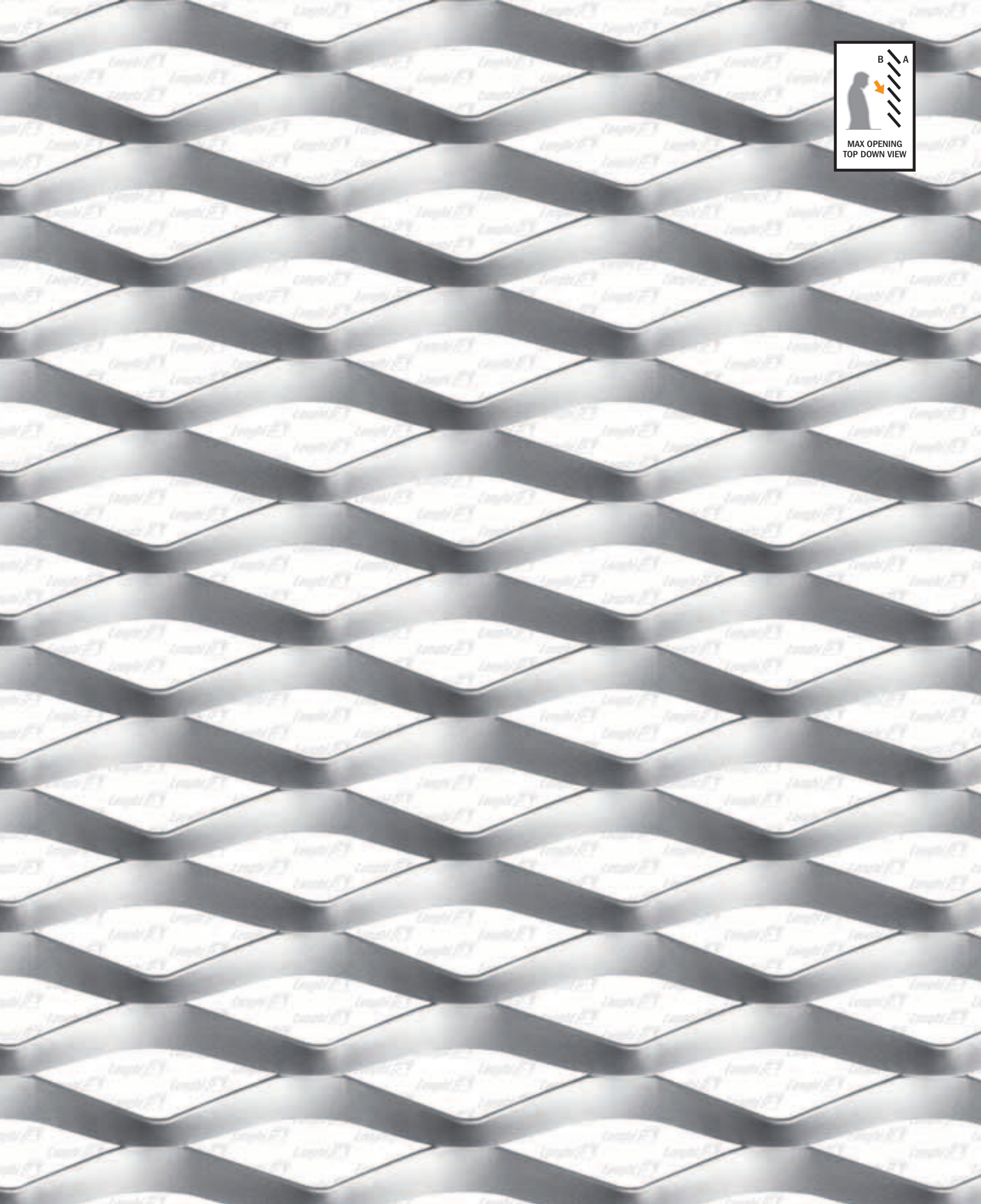
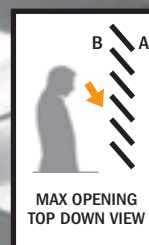


**Gate**

**R 76 x 31 (35) - 11 x t**

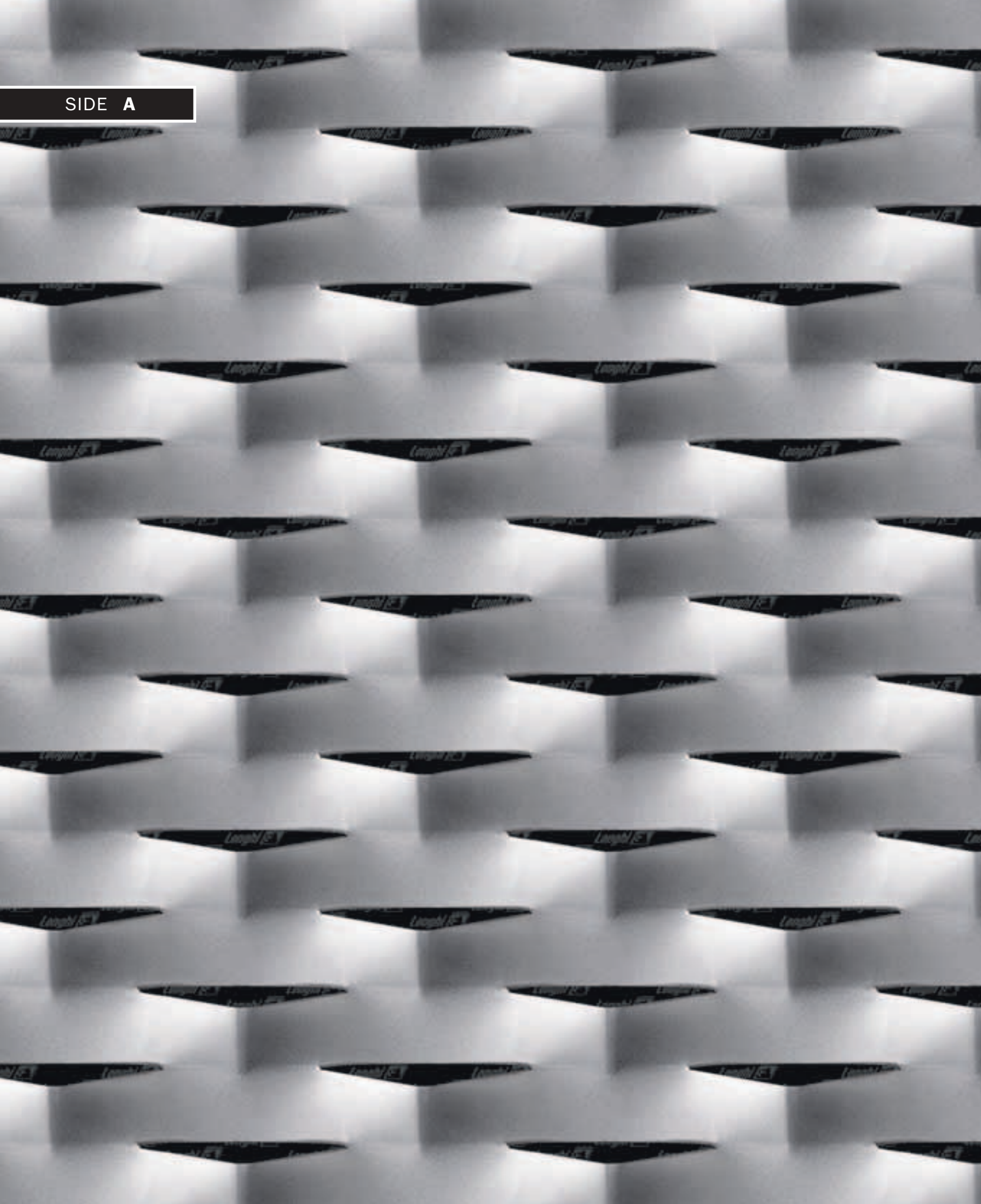
| TYPE | LW | | SW NOMINAL | SW ACTUAL | w | t





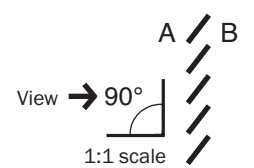
| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 76 x 31 (35) - 11 x <b>1,5</b>        | 7,80                            | 2,60                           | LW 1000 x SW 2000            | 14 (~) ◆                                       | 42 (~)            |
| R 76 x 31 (35) - 11 x <b>2,0</b>        | 10,20                           | 3,40                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2300 Max |  |                   |

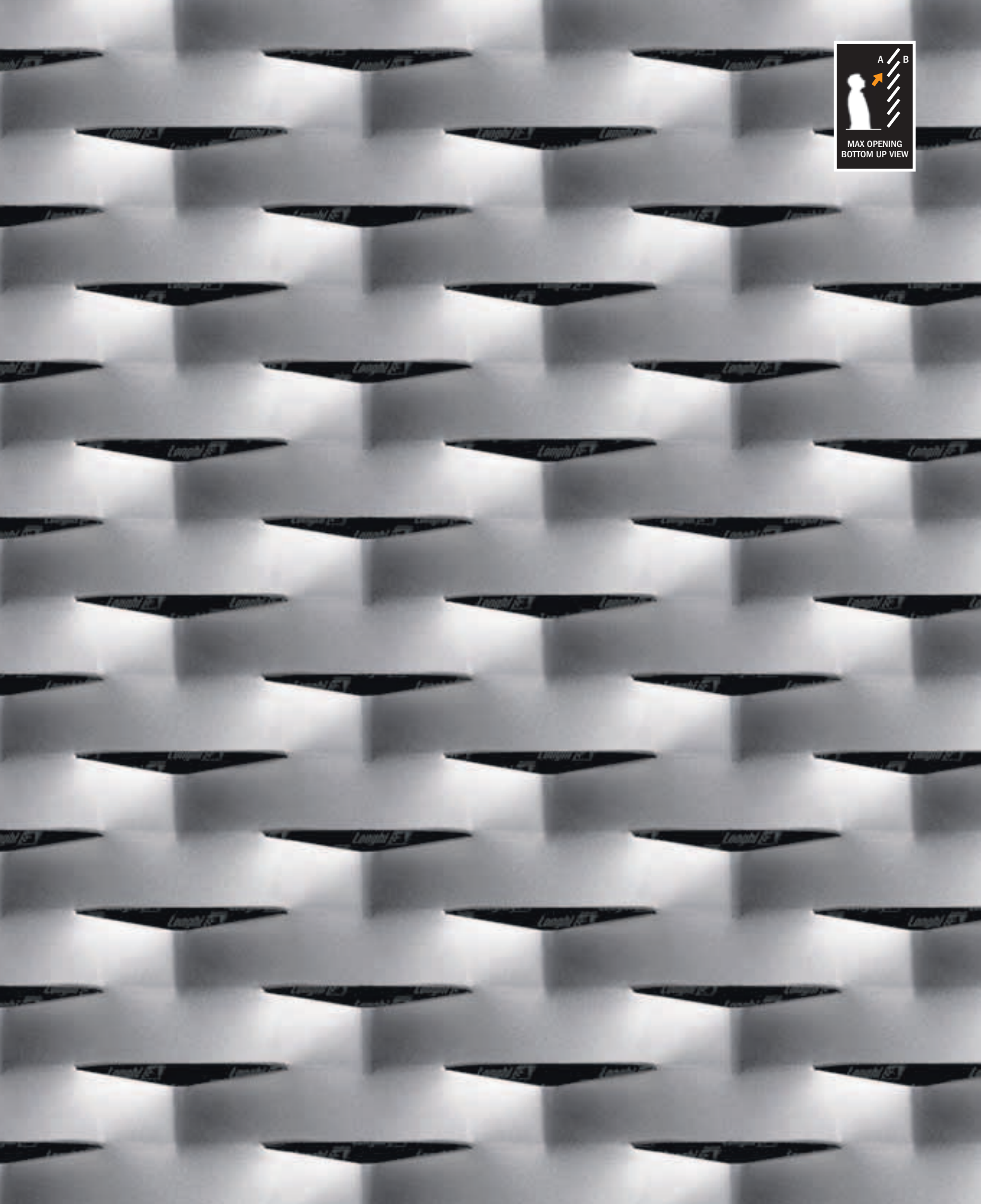
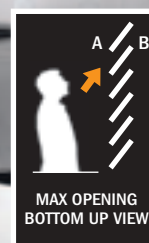
SIDE A



**Reserve**

**R 90 x 30 (38) - 18 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 90 x 30 (38) - 18 x <b>1,5</b>        | 11,00                           | 3,60                           | LW 1000 x SW 2000            | 13 (~) ◆                                       | 10 (~)            |
| R 90 x 30 (38) - 18 x <b>2,0</b>        | 14,60                           | 4,80                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 1500 Max |  |                   |

◆ Framing profiles: see page 192

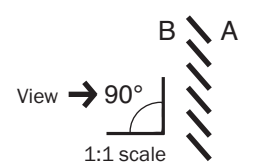


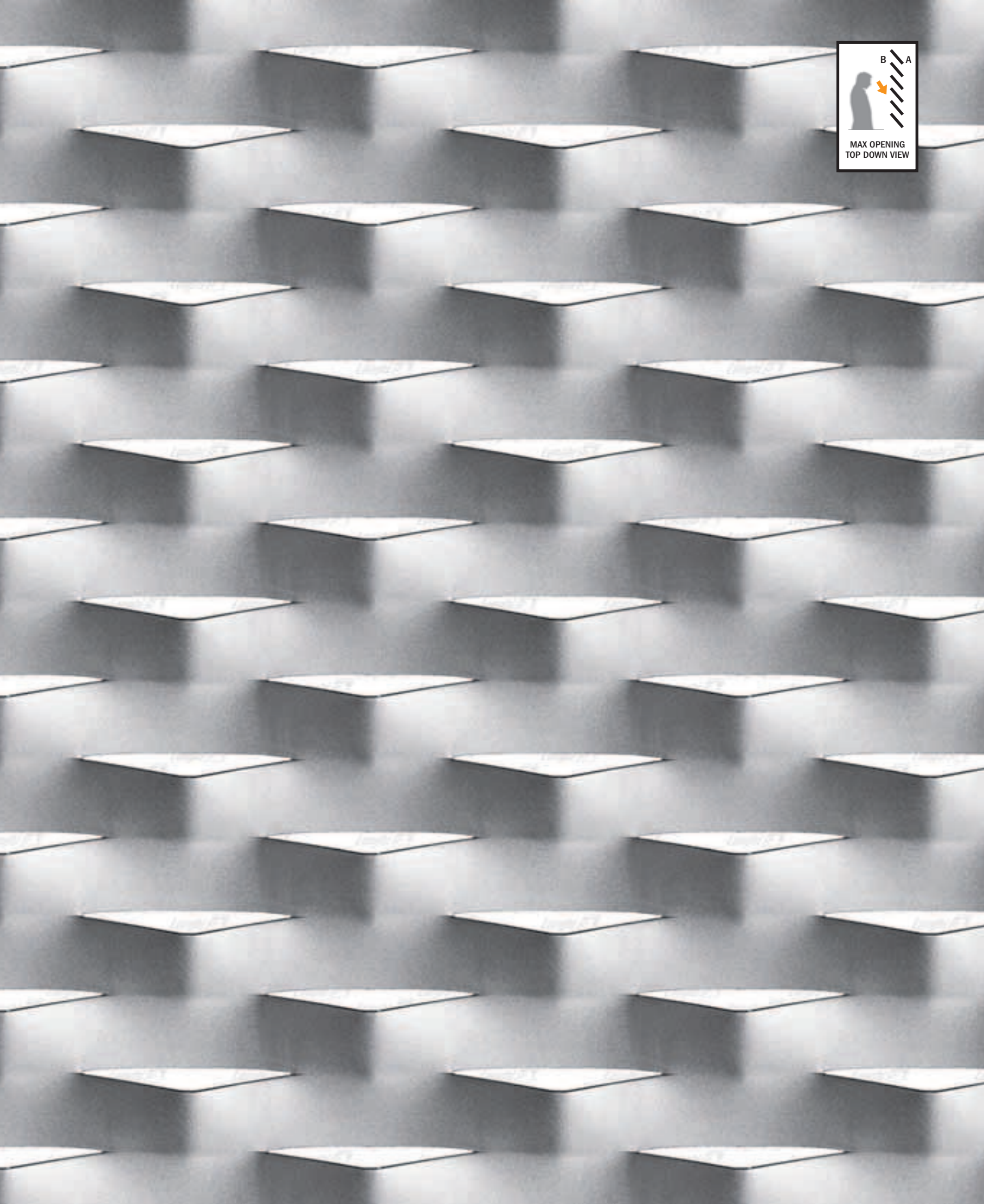
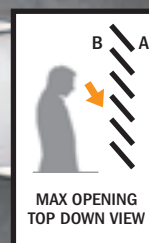
SIDE **B**

**Reserve**



**R 90 x 30 (38) - 18 x t**  
|TYPE |LW |SW NOMINAL |SW ACTUAL |w |t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)           | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|-------------------------------------|--|-------------------|
| R 90 x 30 (38) - 18 x <b>1,5</b>        | 11,00                           | 3,60                           | <b>LW 1000 x SW 2000</b>            | 13 (~) ◆                                       | 10 (~)            |
| R 90 x 30 (38) - 18 x <b>2,0</b>        | 14,60                           | 4,80                           | <b>LW 1250 x SW 2500</b>            |  |                   |
|   |                                 |                                | <b>LW 1500 x SW 3000</b>            |  |                   |
|   |                                 |                                | <b>LW 2000 - 2500 x SW 1500 Max</b> |  |                   |

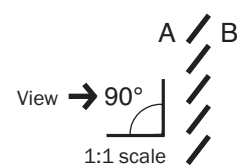
SIDE A

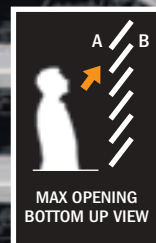
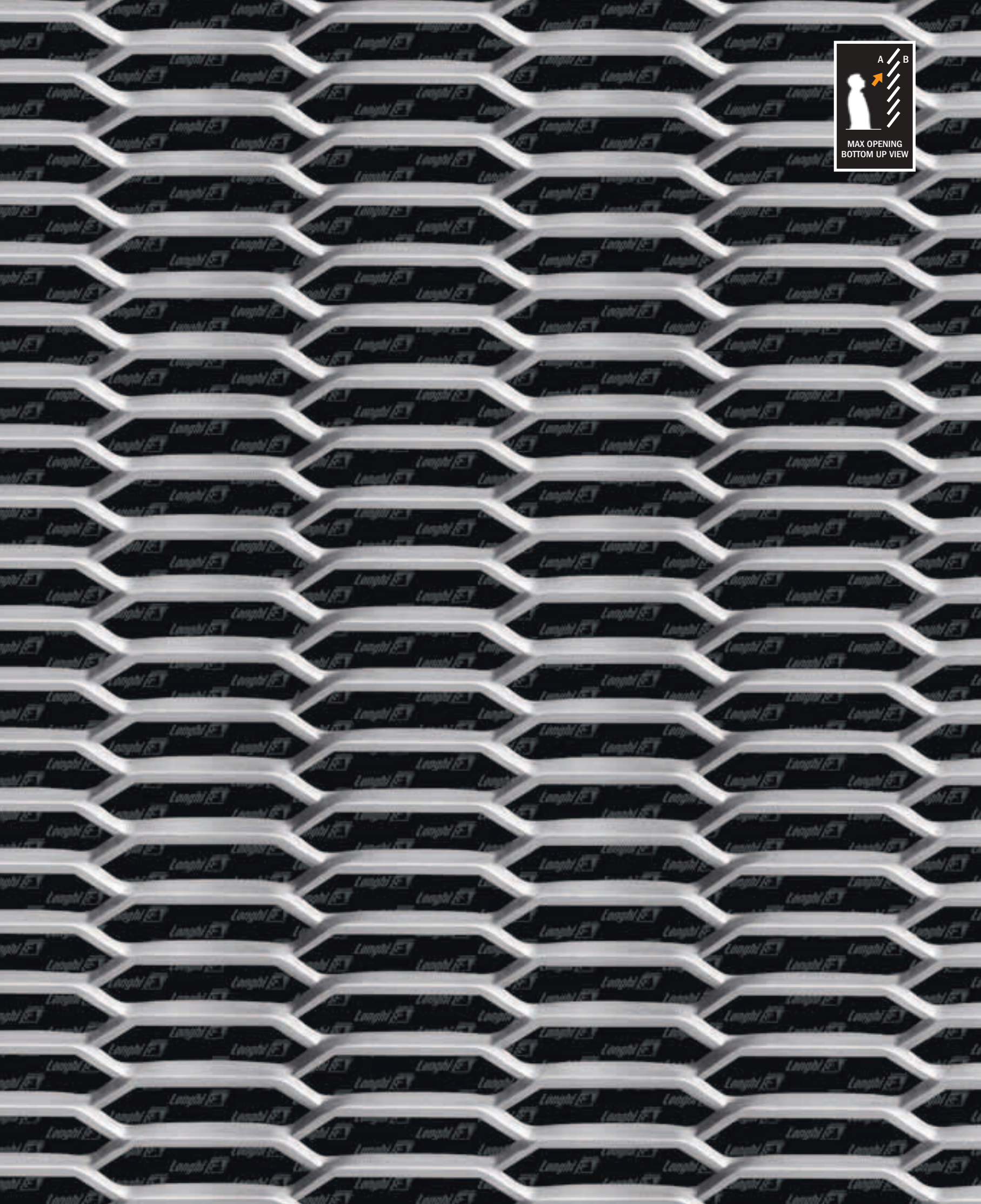


**Greca**



**E 100 x 40 (15) - 4 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| E 100 x 40 (15) - 4 x <b>2,0</b>        | 8,30                            | 2,90                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000<br>LW 2000 - 2500 x SW 2500 Max | 7 (~) ◆  | 52 (~)            |
| E 100 x 40 (15) - 4 x <b>3,0</b>        | 12,50                           | 4,30                           |   |  |                   |

◆ Framing profiles: see page 192

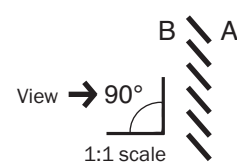
SIDE **B**

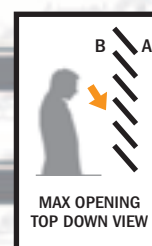


**Greca**



**E 100 x 40 (15) - 4 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

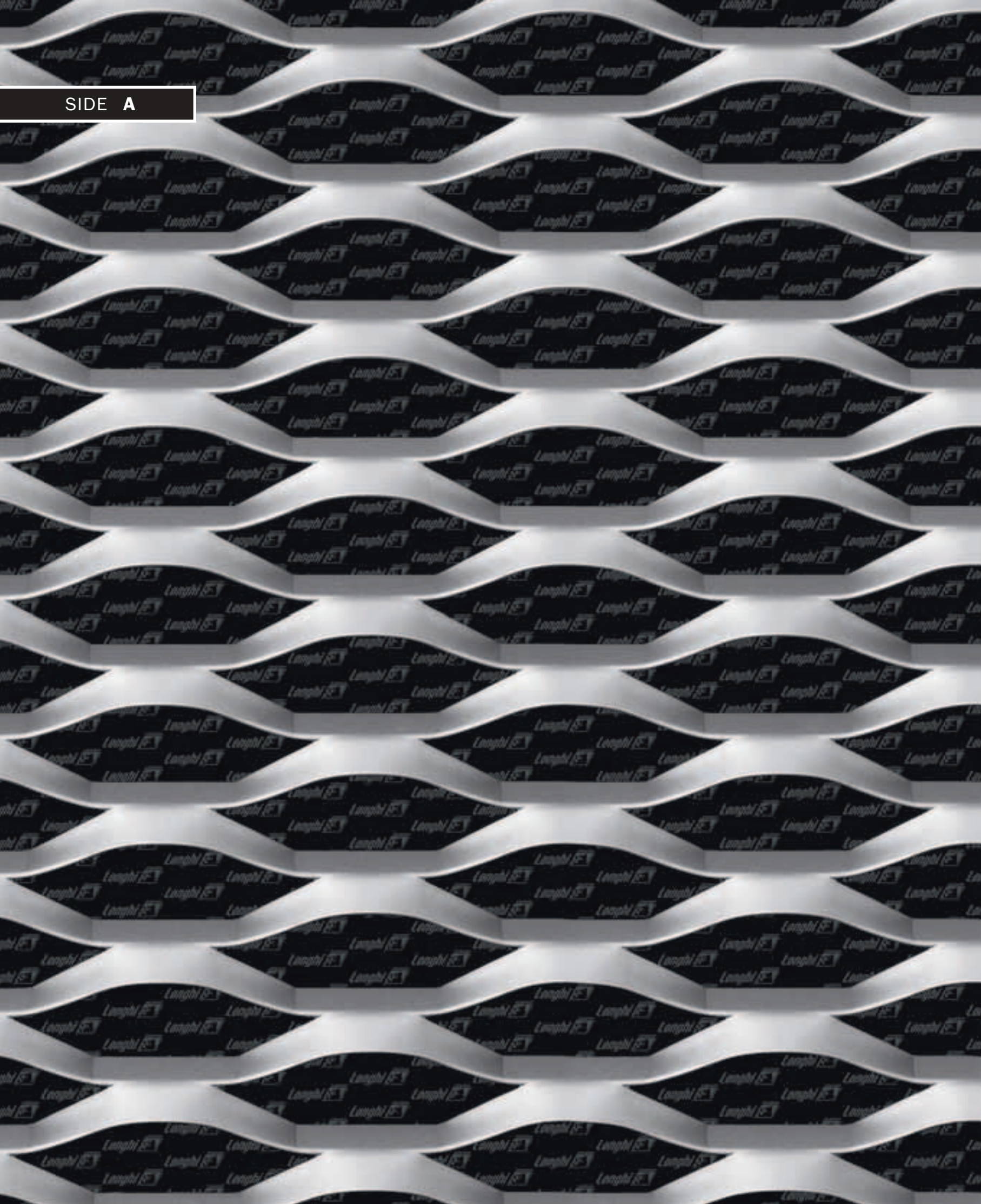




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 100 x 40 (15) - 4 x <b>2,0</b>        | 8,30                            | 2,90                           | LW 1000 x SW 2000            | 7 (~) ◆  | 52 (~)            |
| E 100 x 40 (15) - 4 x <b>3,0</b>        | 12,50                           | 4,30                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2500 Max |  |                   |

◆ Framing profiles: see page 192

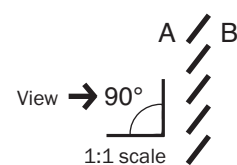
SIDE A

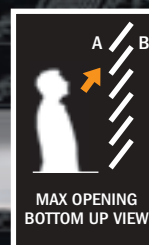


**Grafica**



**E 100 x 40 (34) - 10 x t**  
|TYPE| LW      |SW NOMINAL| SW ACTUAL | w | t



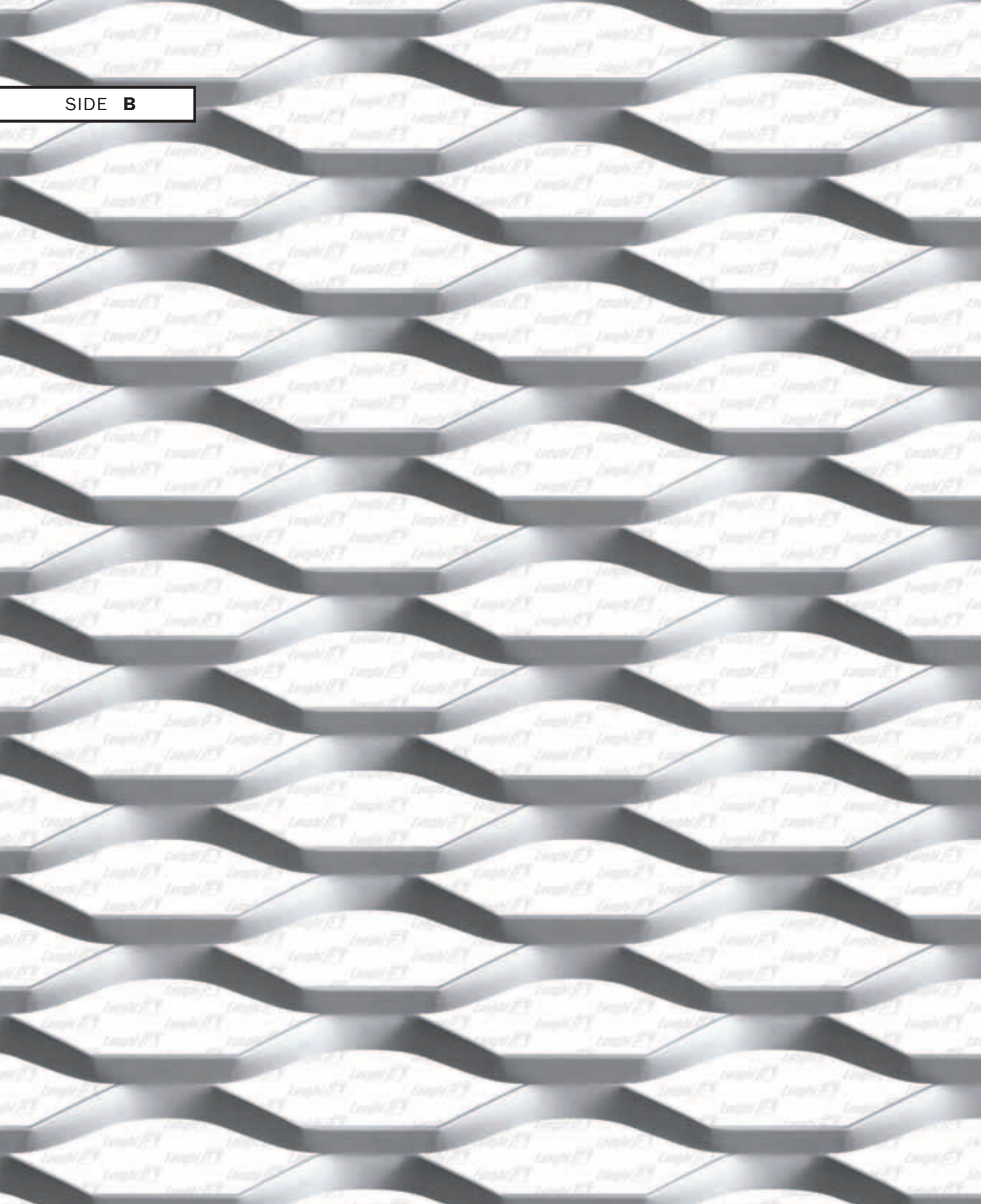


| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| E 100 x 40 (34) - 10 x <b>1,5</b>       | 6,90                            | 2,30                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000<br>LW 2000 - 2500 x SW 2500 Max | 15 (~) ◆                                       | 51,5 (~)          |
| E 100 x 40 (34) - 10 x <b>2,0</b>       | 9,30                            | 3,10                           |   |  |                   |

◆ Framing profiles: see page 192



SIDE B



**Grafica**

**E 100 x 40 (34) - 10 x t**

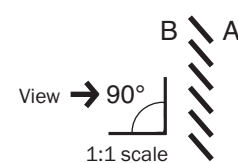
|TYPE| LW

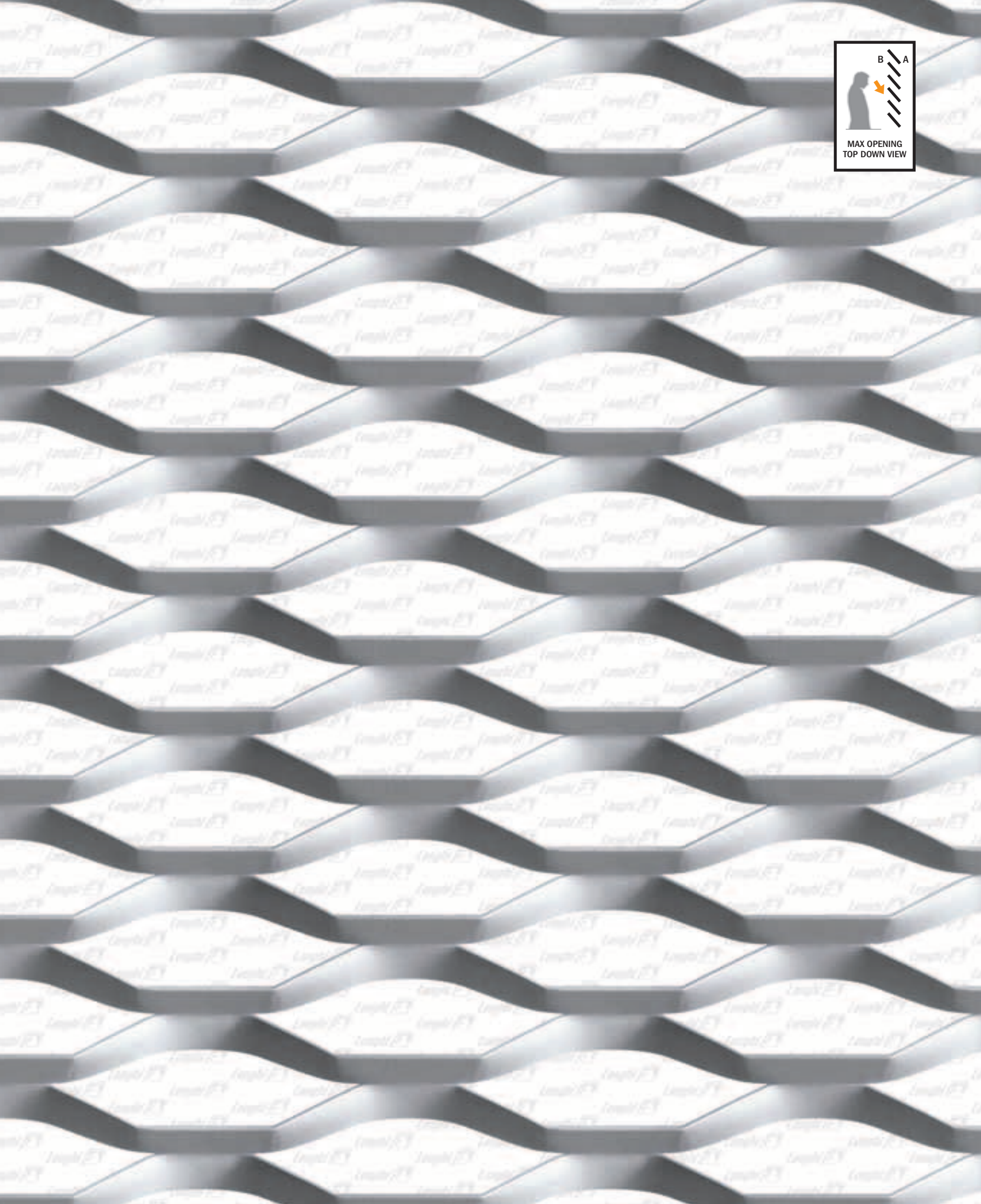
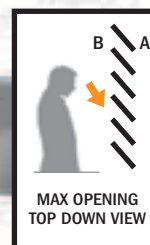
|SW NOMINAL

|SW ACTUAL

|w

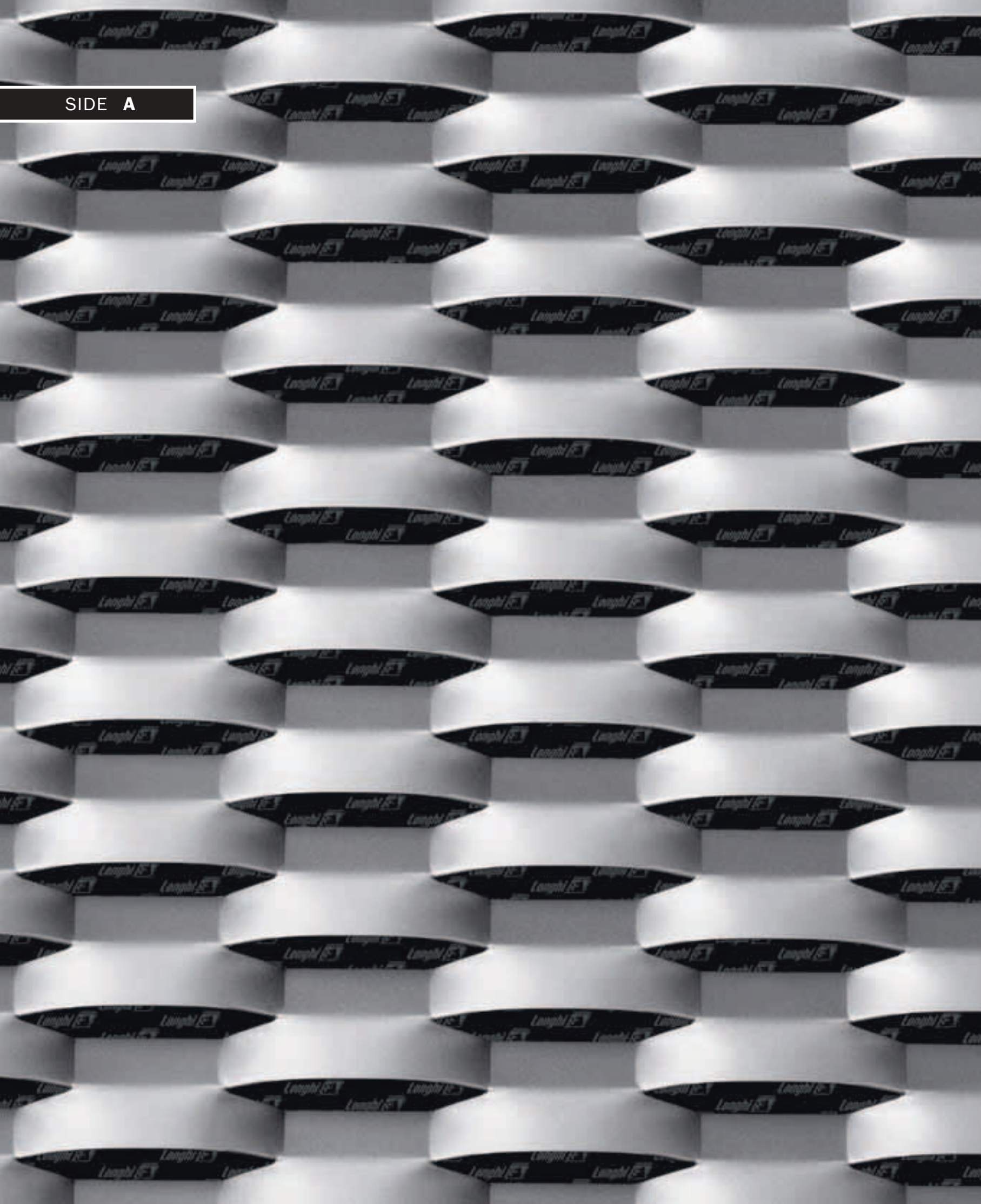
|t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 100 x 40 (34) - 10 x <b>1,5</b>       | 6,90                            | 2,30                           | LW 1000 x SW 2000            | 15 (~) ◆                                       | 51,5 (~)          |
| E 100 x 40 (34) - 10 x <b>2,0</b>       | 9,30                            | 3,10                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2500 Max |  |                   |

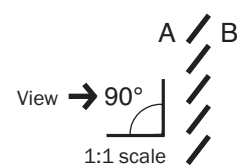
SIDE A

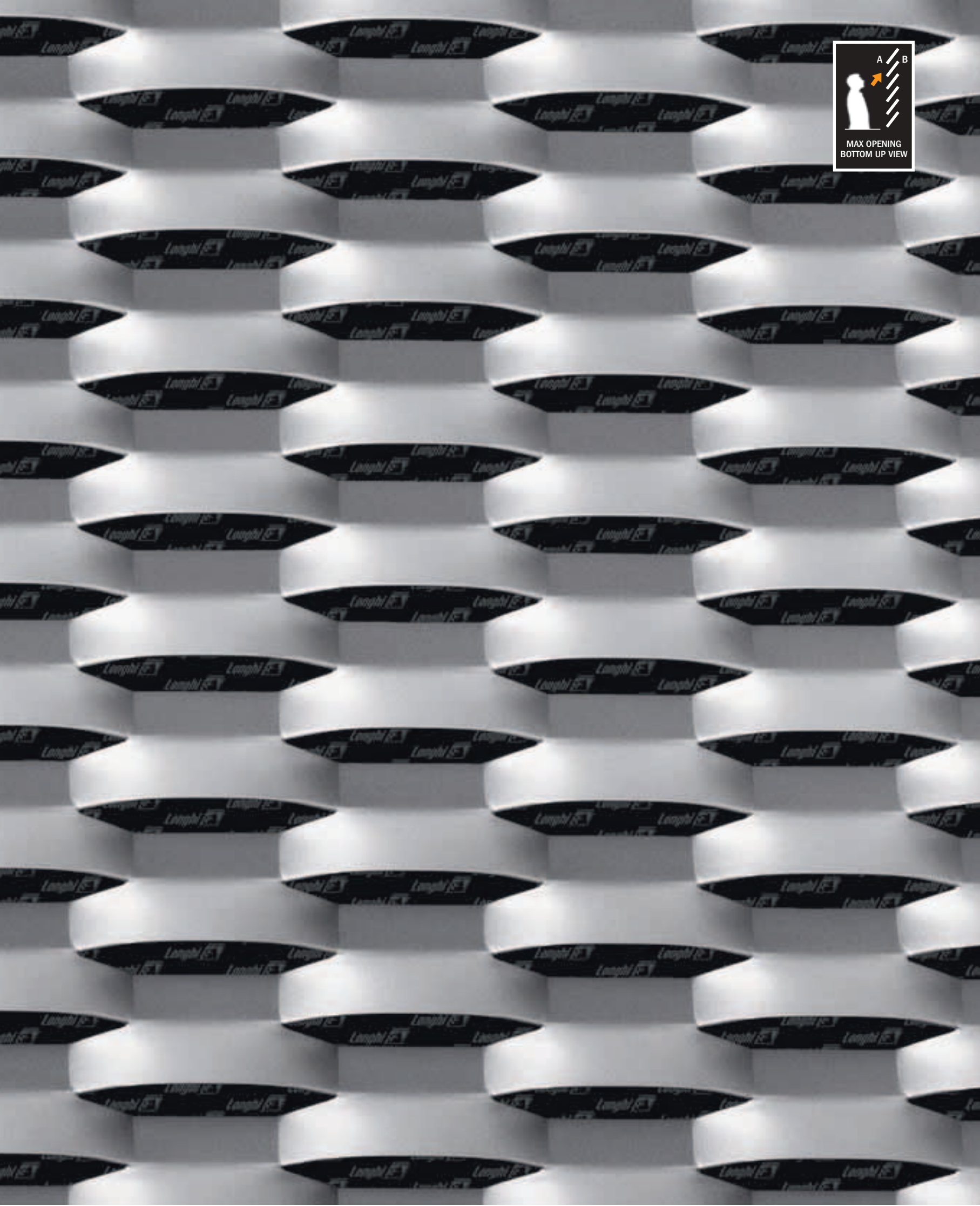
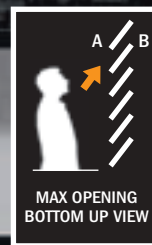


**Esperia**



**E 100 x 40 (34) - 15 x t**  
|TYPE| LW      |SW NOMINAL| SW ACTUAL   |w      |t

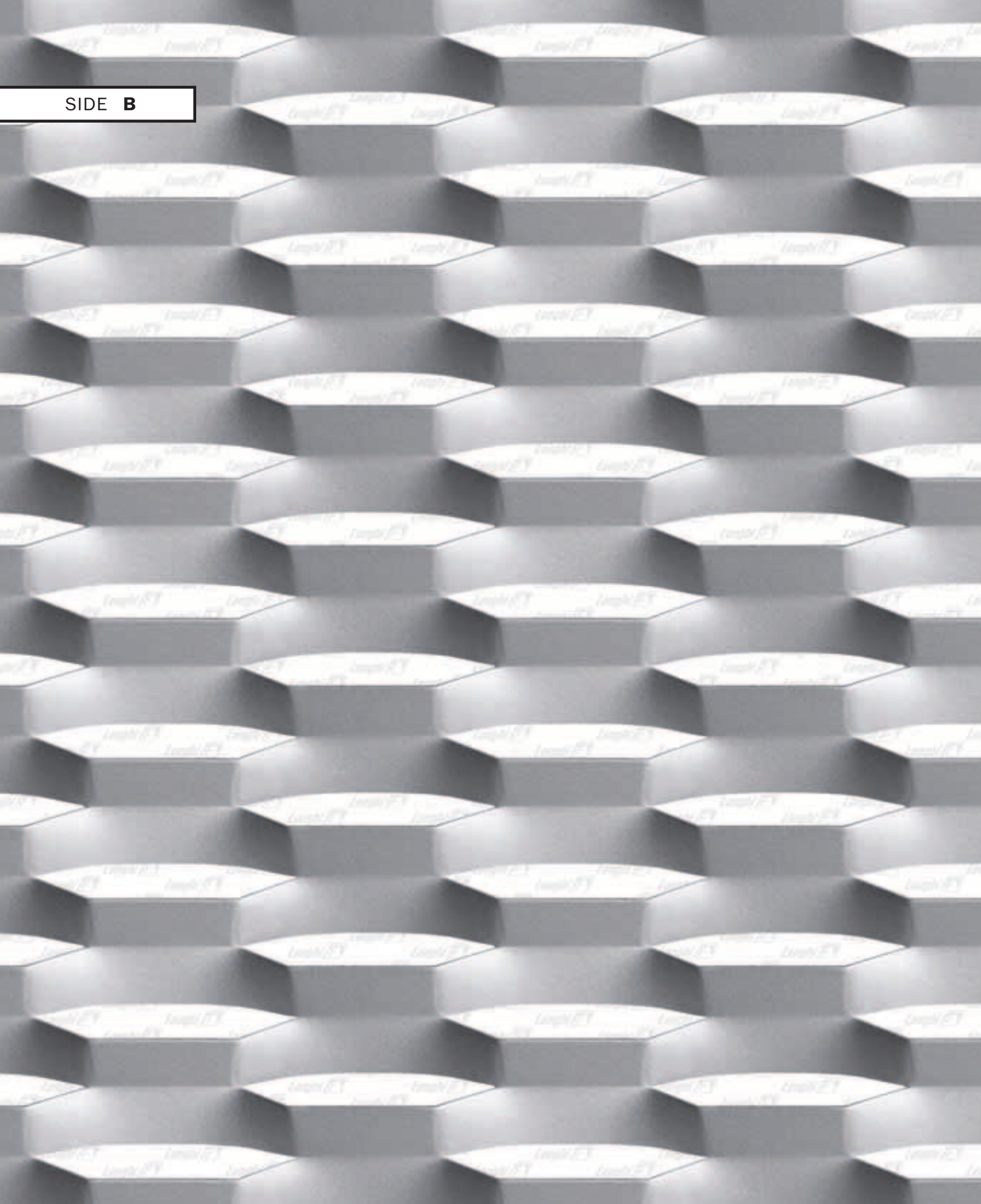




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 100 x 40 (34) - 15 x <b>1,5</b>       | 10,30                           | 3,40                           | LW 1000 x SW 2000            | 13 (~) ◆                                       | 23,3 (~)          |
| E 100 x 40 (34) - 15 x <b>2,0</b>       | 13,70                           | 4,50                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 1700 Max |  |                   |

◆ Framing profiles: see page 192

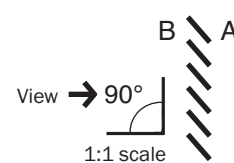
SIDE **B**

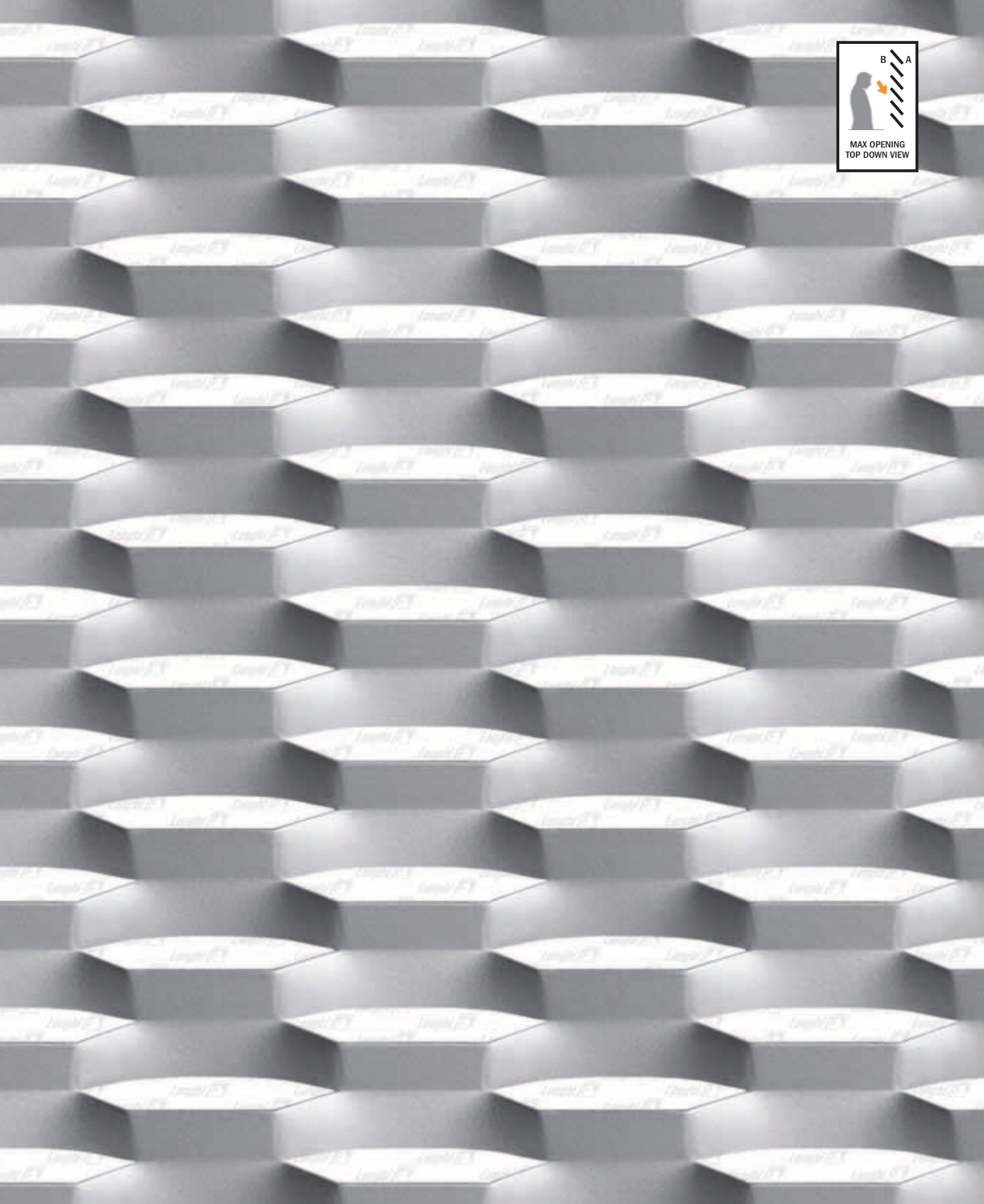
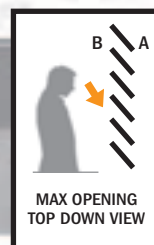


**Esperia**



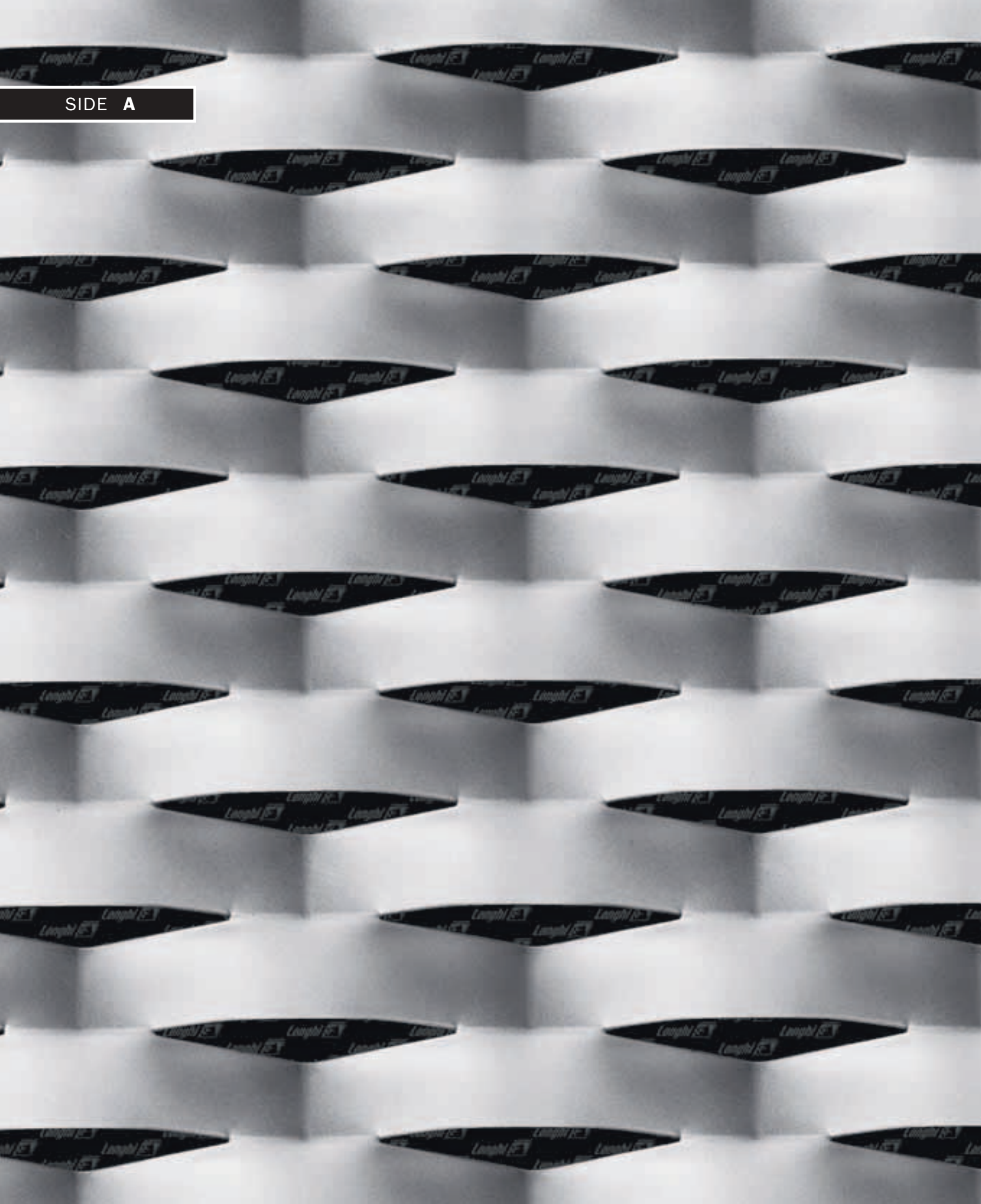
**E 100 x 40 (34) - 15 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





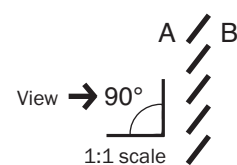
| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| E 100 x 40 (34) - 15 x <b>1,5</b>       | 10,30                           | 3,40                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000<br>LW 2000 - 2500 x SW 1700 Max | 13 (~) ◆                                       | 23,3 (~)          |
| E 100 x 40 (34) - 15 x <b>2,0</b>       | 13,70                           | 4,50                           |   |  |                   |
|   |                                 |                                |   |  |                   |

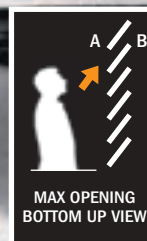
SIDE A



# Ambasciata

**R 110 x 40 (52) - 24 x t**  
|TYPE| LW      |SW NOMINAL| SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                  | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| R 110 x 40 (52) - 24 x <b>1,5</b>       | 10,60                           | 3,60                           | <b>LW</b> 1000 x <b>SW</b> 2000            | 18 (~) ◆                                       | 16 (~)            |
| R 110 x 40 (52) - 24 x <b>2,0</b>       | 14,10                           | 4,70                           | <b>LW</b> 1250 x <b>SW</b> 2500            |  |                   |
| R 110 x 40 (52) - 24 x <b>3,0</b>       | 21,10                           | 7,00                           | <b>LW</b> 1500 x <b>SW</b> 3000            |  |                   |
|   |                                 |                                | <b>LW</b> 2000 - 2500 x <b>SW</b> 1600 Max |  |                   |

◆ Framing profiles: see page 192



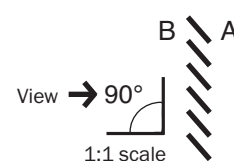
SIDE **B**

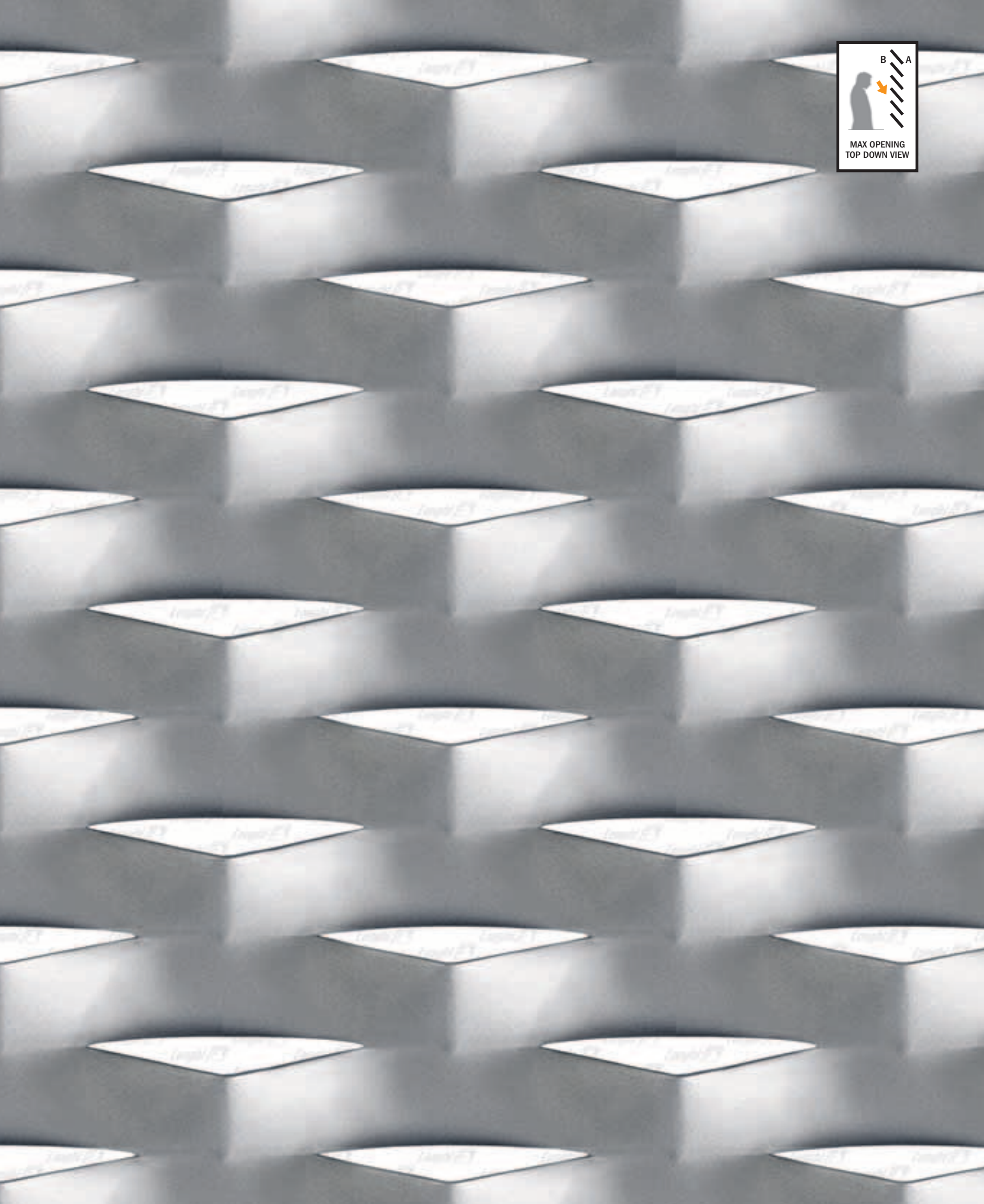
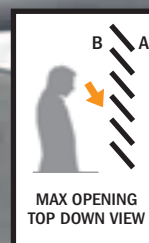
**Ambasciata**



**R 110 x 40 (52) - 24 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

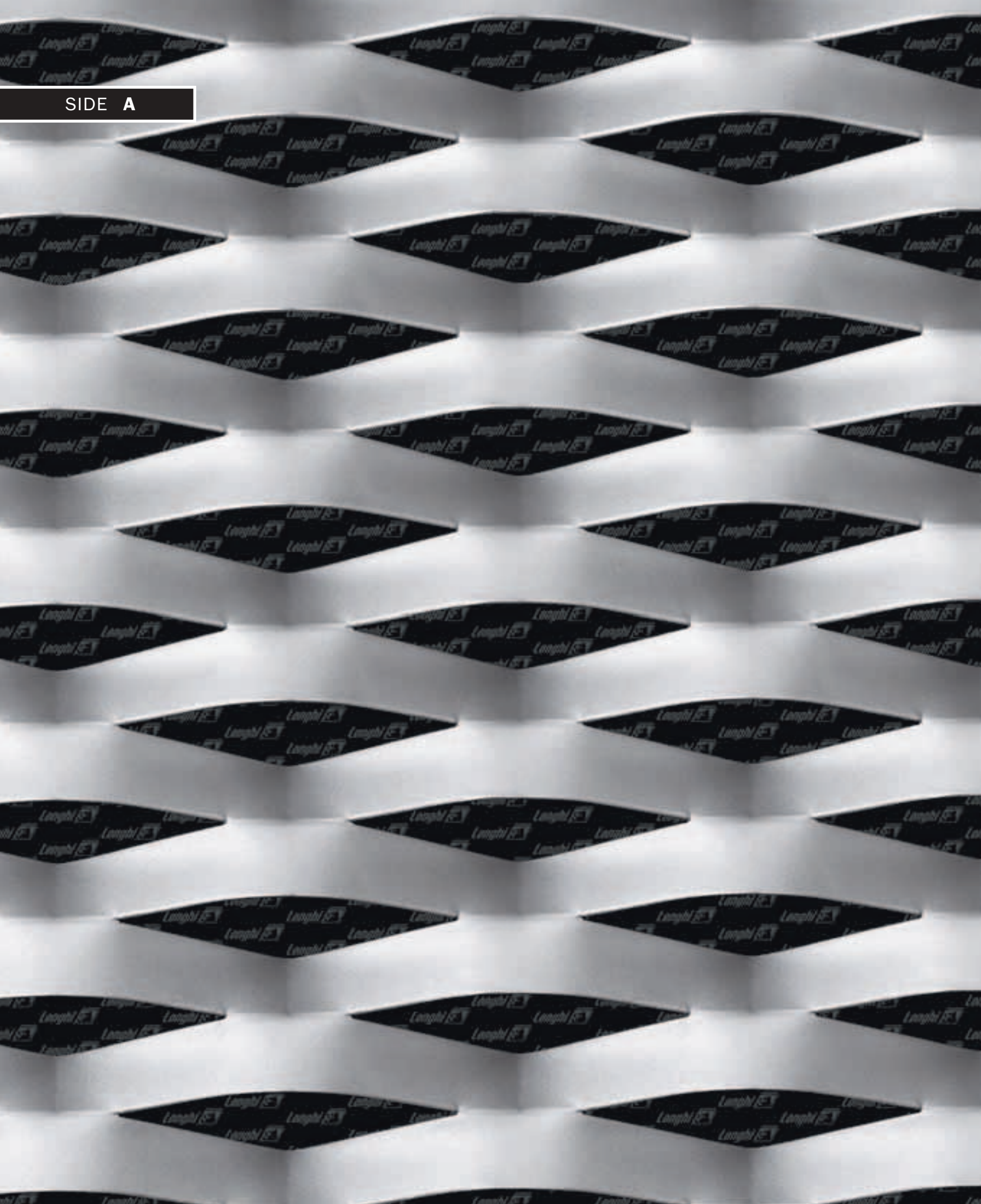




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)           | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|-------------------------------------|--|-------------------|
| R 110 x 40 (52) - 24 x <b>1,5</b>       | 10,60                           | 3,60                           | <b>LW 1000 x SW 2000</b>            | 18 (~) ◆                                       | 16 (~)            |
| R 110 x 40 (52) - 24 x <b>2,0</b>       | 14,10                           | 4,70                           | <b>LW 1250 x SW 2500</b>            |  |                   |
| R 110 x 40 (52) - 24 x <b>3,0</b>       | 21,10                           | 7,00                           | <b>LW 1500 x SW 3000</b>            |  |                   |
|   |                                 |                                | <b>LW 2000 - 2500 x SW 1600 Max</b> |  |                   |

◆ Framing profiles: see page 192

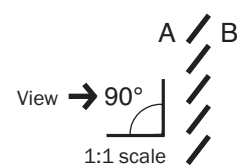
SIDE A

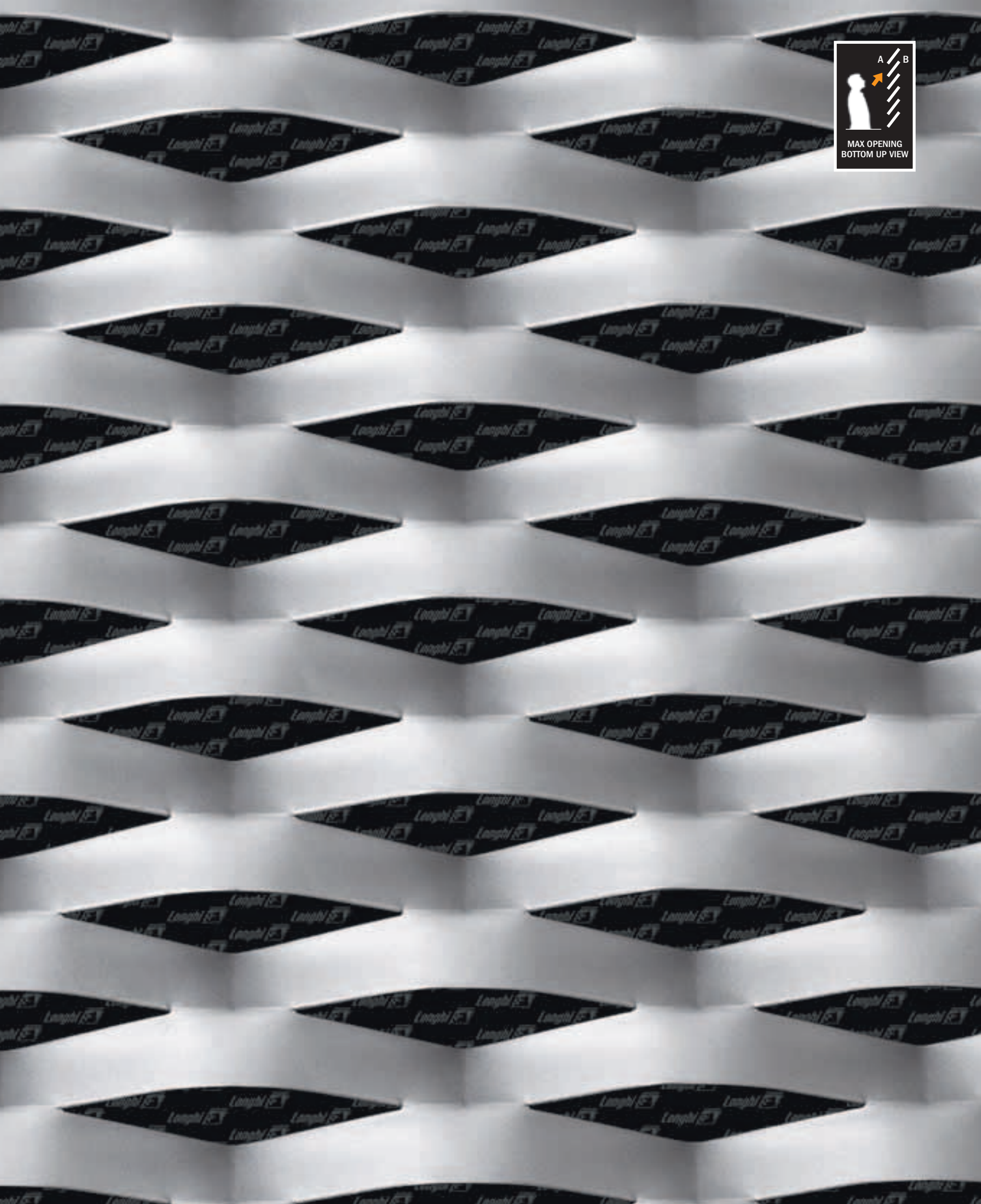
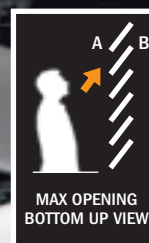


**Academy**



**R 115 x 40 (48) - 20 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

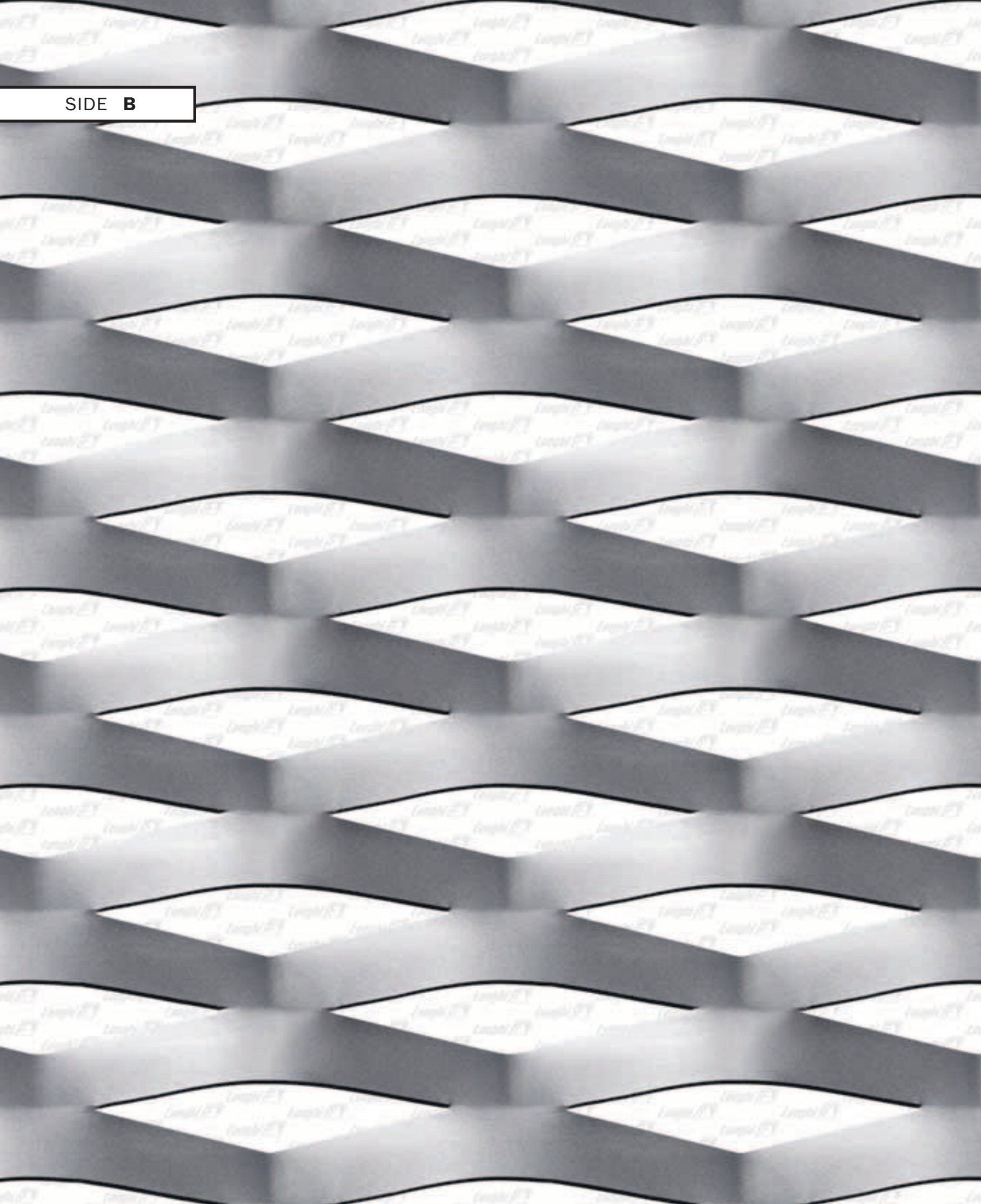




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)           | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|-------------------------------------|--|-------------------|
| R 115 x 40 (48) - 20 x <b>1,5</b>       | 9,70                            | 3,20                           | <b>LW 1000 x SW 2000</b>            | 21 (~) ◆                                       | 26 (~)            |
| R 115 x 40 (48) - 20 x <b>2,0</b>       | 12,80                           | 4,20                           | <b>LW 1250 x SW 2500</b>            |  |                   |
| R 115 x 40 (48) - 20 x <b>2,0</b>       | 12,80                           | 4,20                           | <b>LW 1500 x SW 3000</b>            |  |                   |
| R 115 x 40 (48) - 20 x <b>3,0</b>       | 19,30                           | 6,40                           | <b>LW 2000 - 2500 x SW 1800 Max</b> |  |                   |

◆ Framing profiles: see page 192

SIDE **B**



**Academy**

**R 115 x 40 (48) - 20 x t**

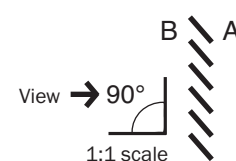
|TYPE| LW

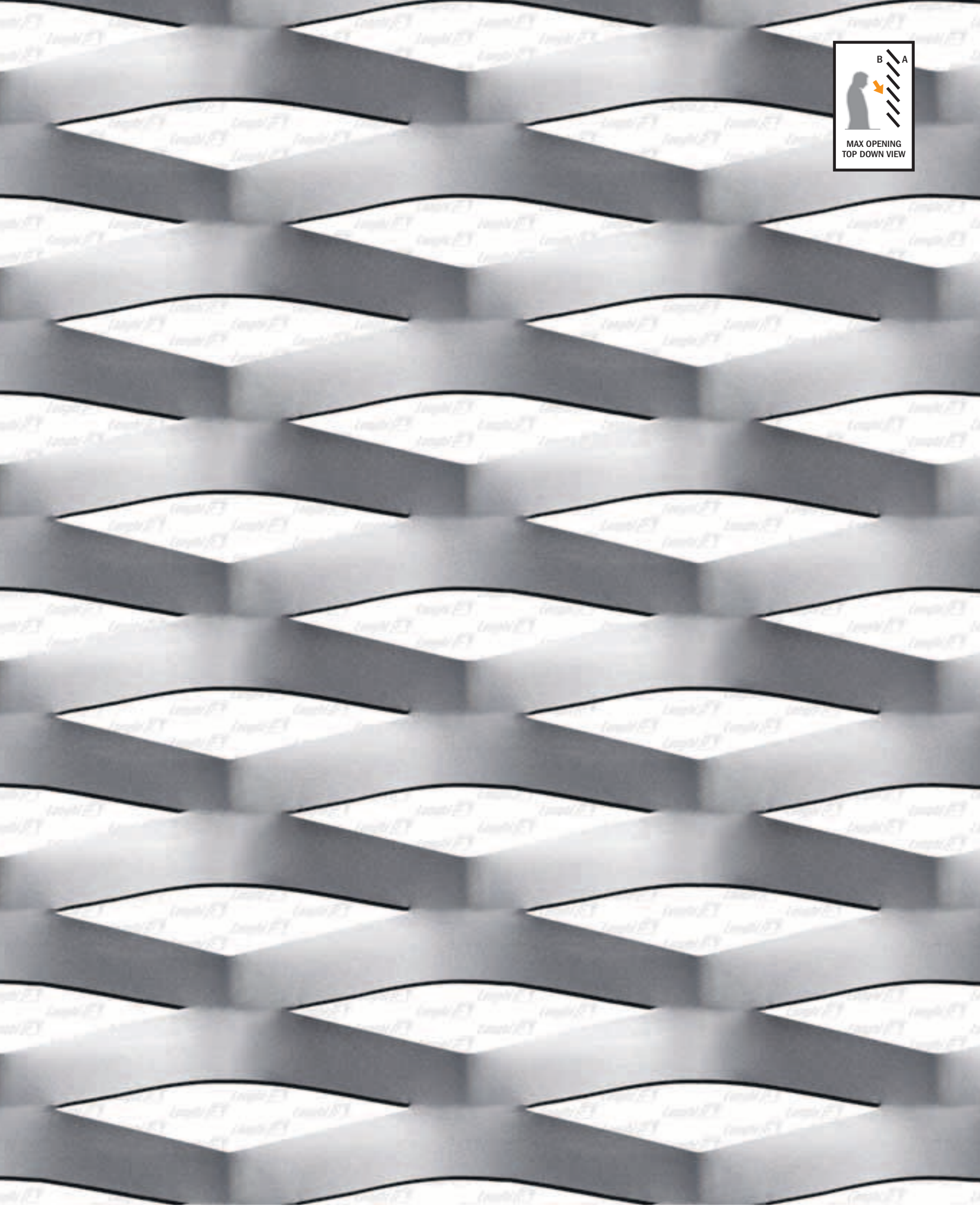
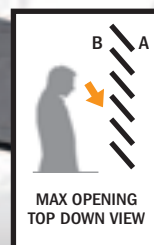
|SW NOMINAL

|SW ACTUAL

|w

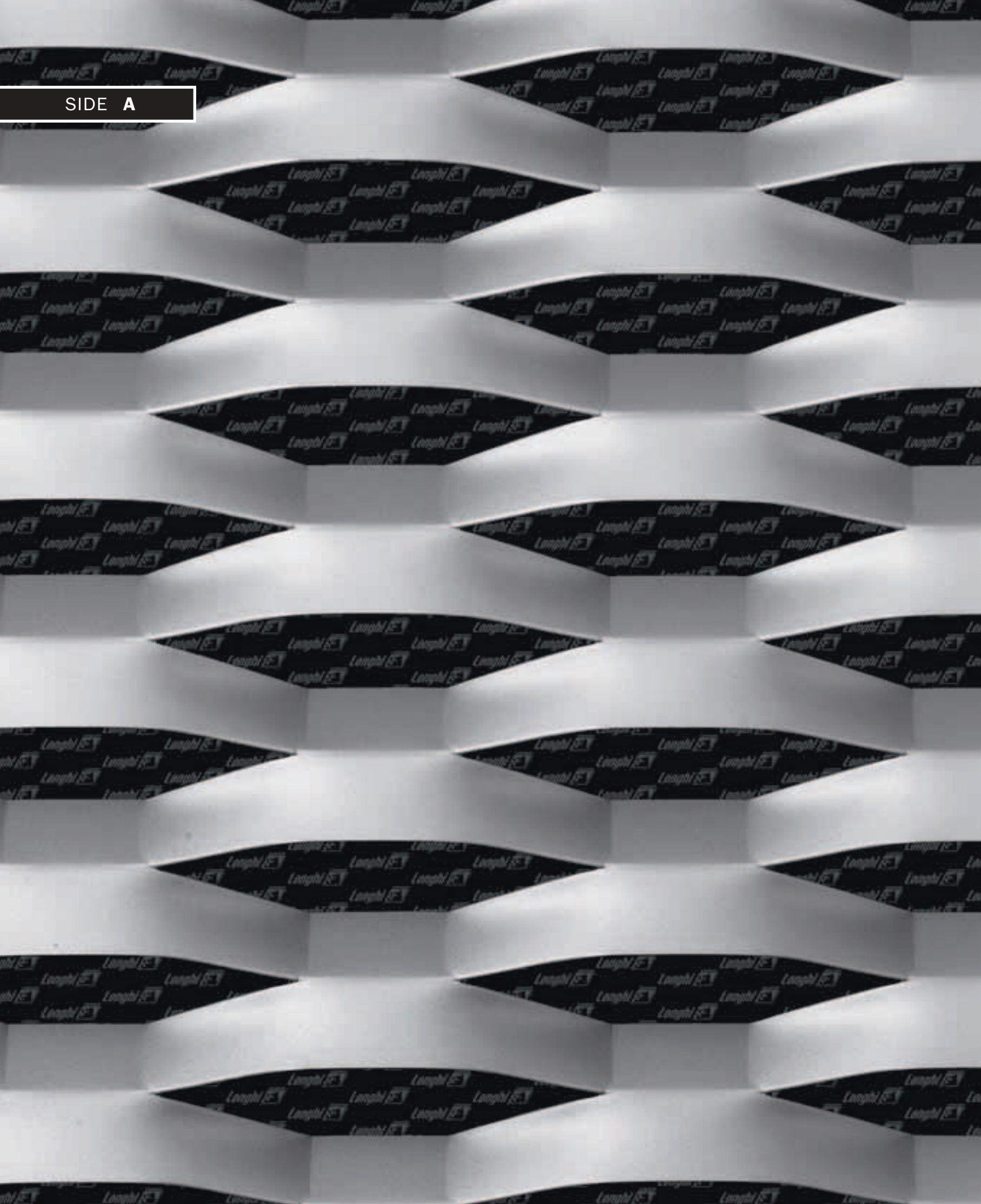
|t





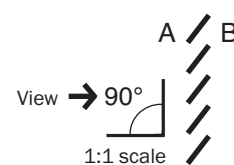
| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| R 115 x 40 (48) - 20 x <b>1,5</b>       | 9,70                            | 3,20                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000<br>LW 2000 - 2500 x SW 1800 Max | 21 (~) ◆                                       | 26 (~)            |
| R 115 x 40 (48) - 20 x <b>2,0</b>       | 12,80                           | 4,20                           |   |  |                   |
| R 115 x 40 (48) - 20 x <b>3,0</b>       | 19,30                           | 6,40                           |   |  |                   |

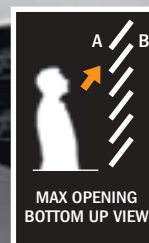
SIDE A



**Lucerna**

**E 150 x 56 (56) - 21,5 x t**  
|TYPE| LW      |SW NOMINAL| SW ACTUAL | w      | t



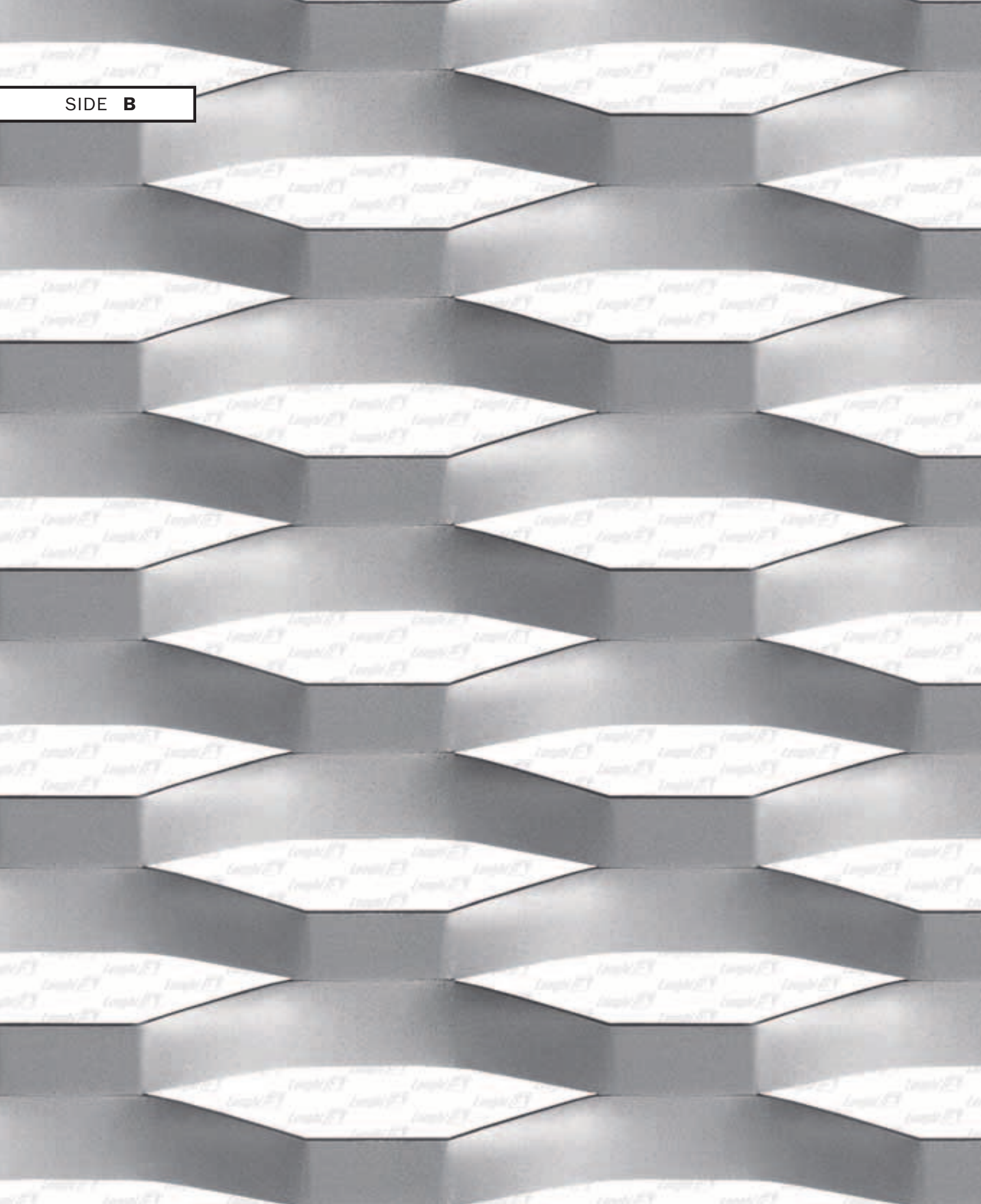


| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 150 x 56 (56) - 21,5 x <b>1,5</b>     | 9,30                            | 3,10                           | LW 1000 x SW 2000            | 21 (~) ◆                                       | 29,8 (~)          |
| E 150 x 56 (56) - 21,5 x <b>2,0</b>     | 12,40                           | 4,20                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 1800 Max |  |                   |

◆ Framing profiles: see page 192



SIDE **B**



**Lucerna**



**E 150 x 56 (56) - 21,5 x t**

| TYPE | LW

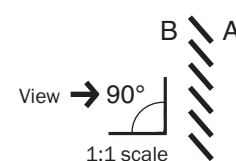
| SW NOMINAL

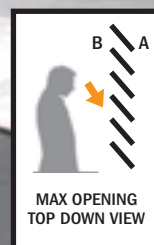
| SW ACTUAL

| w

| t

*protech*

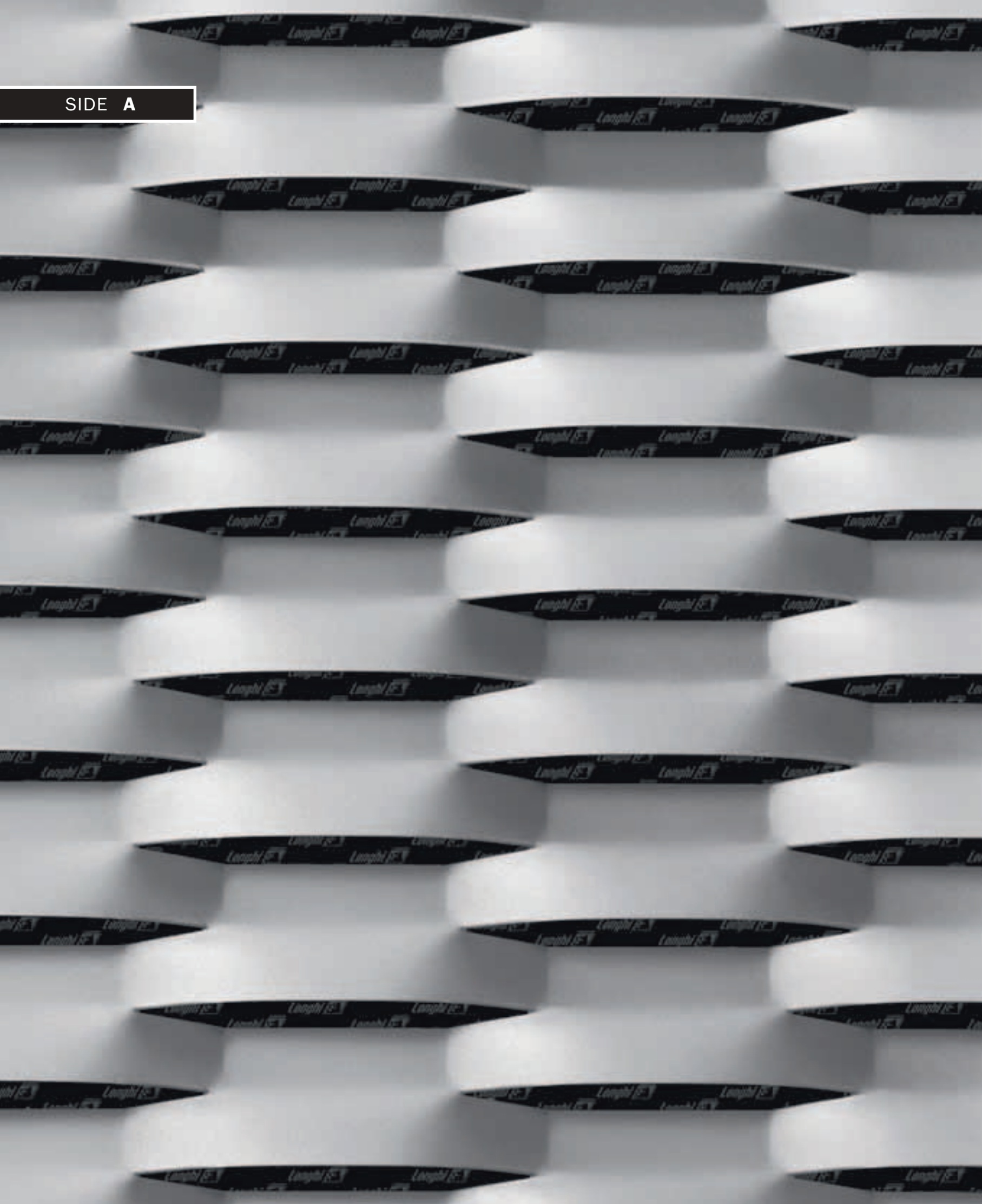




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 150 x 56 (56) - 21,5 x <b>1,5</b>     | 9,30                            | 3,10                           | LW 1000 x SW 2000            | 21 (~) ◆                                       | 29,8 (~)          |
| E 150 x 56 (56) - 21,5 x <b>2,0</b>     | 12,40                           | 4,20                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 1800 Max |  |                   |

◆ Framing profiles: see page 192

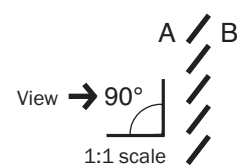
SIDE A

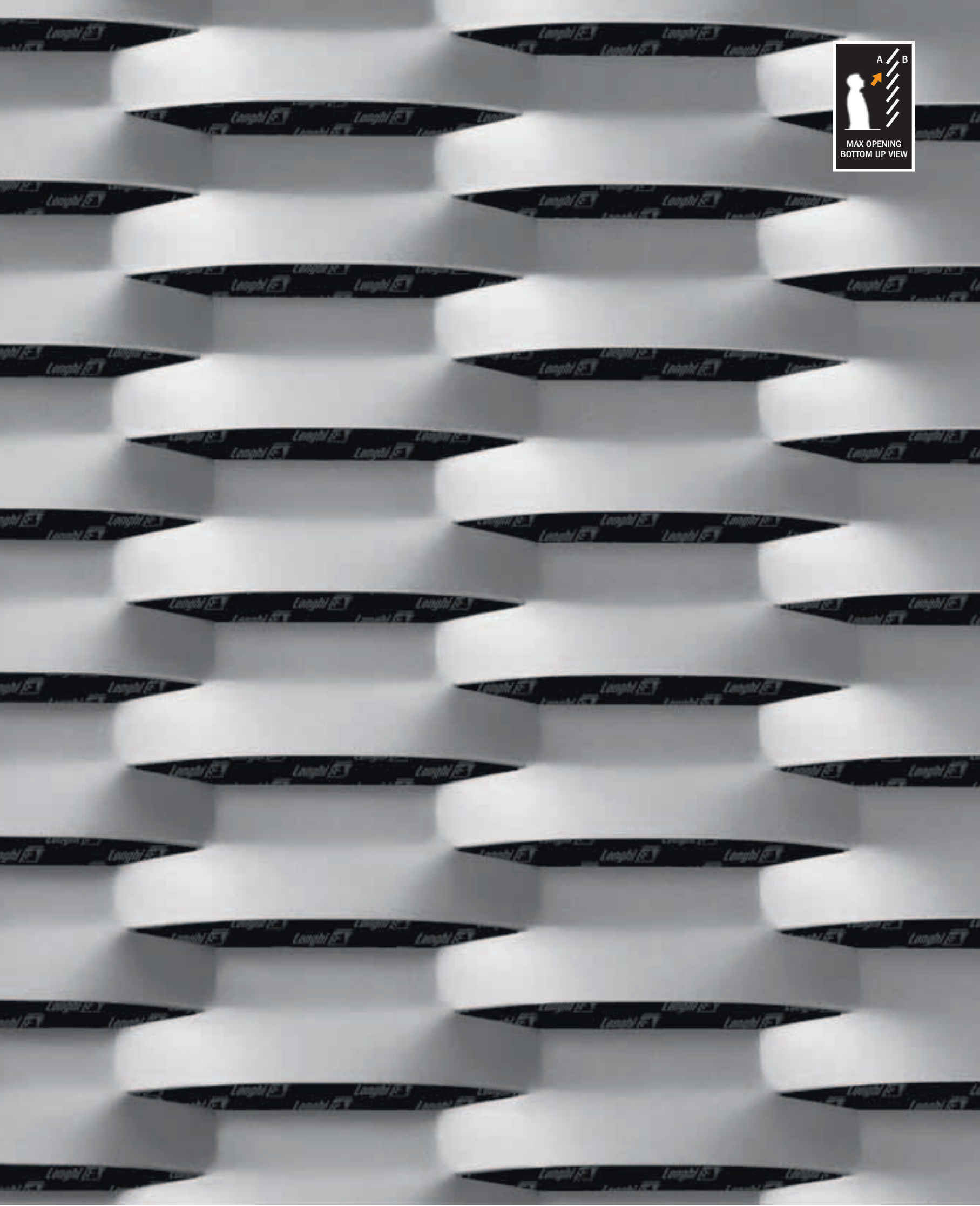
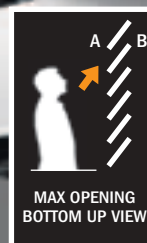


**College**



**E 160 x 40 (40) - 18 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

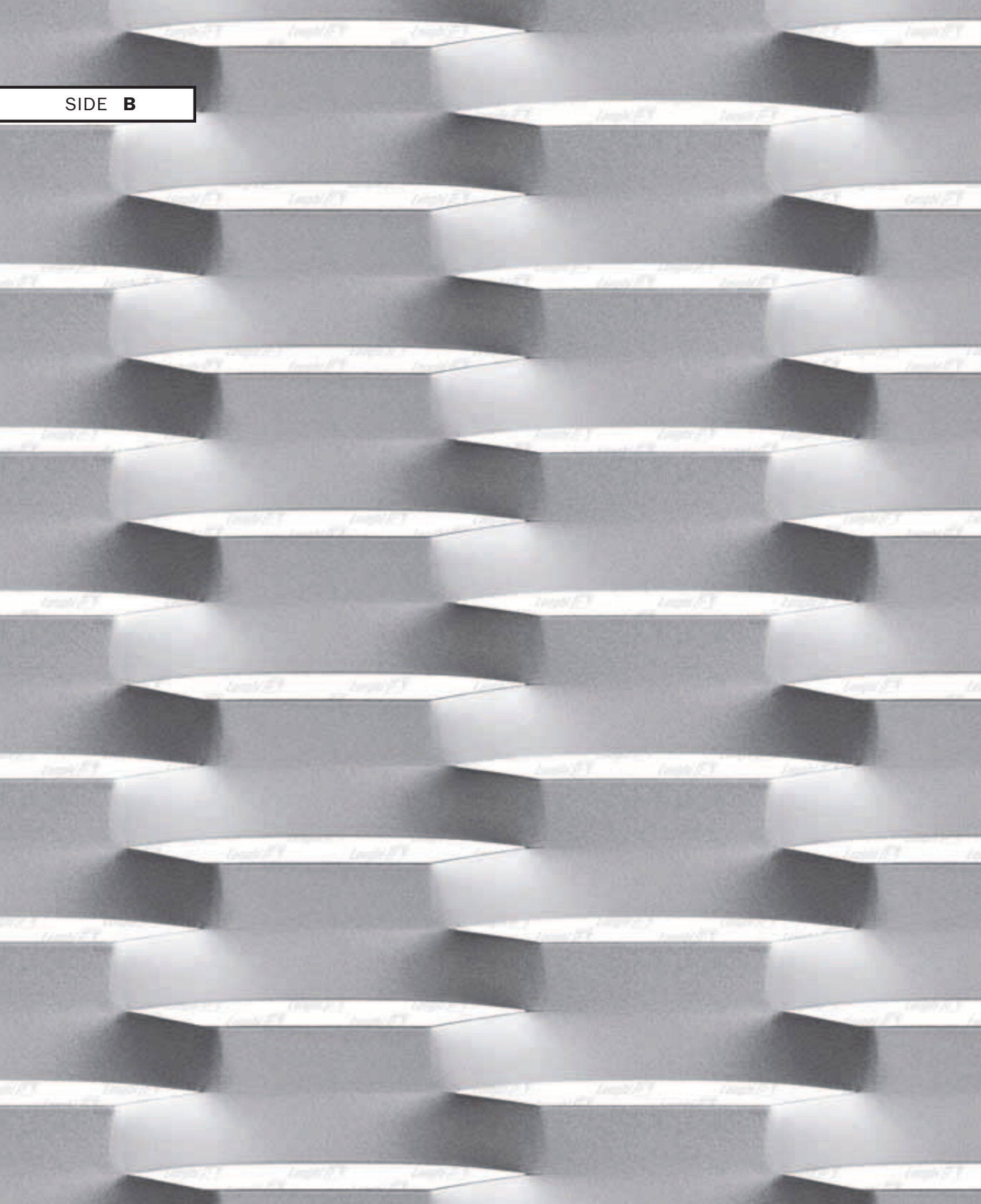




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                  | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| E 160 x 40 (40) - 18 x <b>1,5</b>       | 10,80                           | 3,60                           | <b>LW</b> 1000 x <b>SW</b> 2000            | 16 (~) ◆                                       | 15,4 (~)          |
| E 160 x 40 (40) - 18 x <b>2,0</b>       | 14,40                           | 4,80                           | <b>LW</b> 1250 x <b>SW</b> 2500            |  |                   |
|   |                                 |                                | <b>LW</b> 1500 x <b>SW</b> 3000            |  |                   |
|   |                                 |                                | <b>LW</b> 2000 - 2500 x <b>SW</b> 1600 Max |  |                   |

◆ Framing profiles: see page 192

SIDE **B**

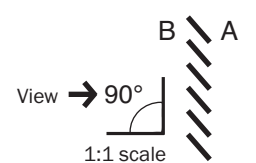


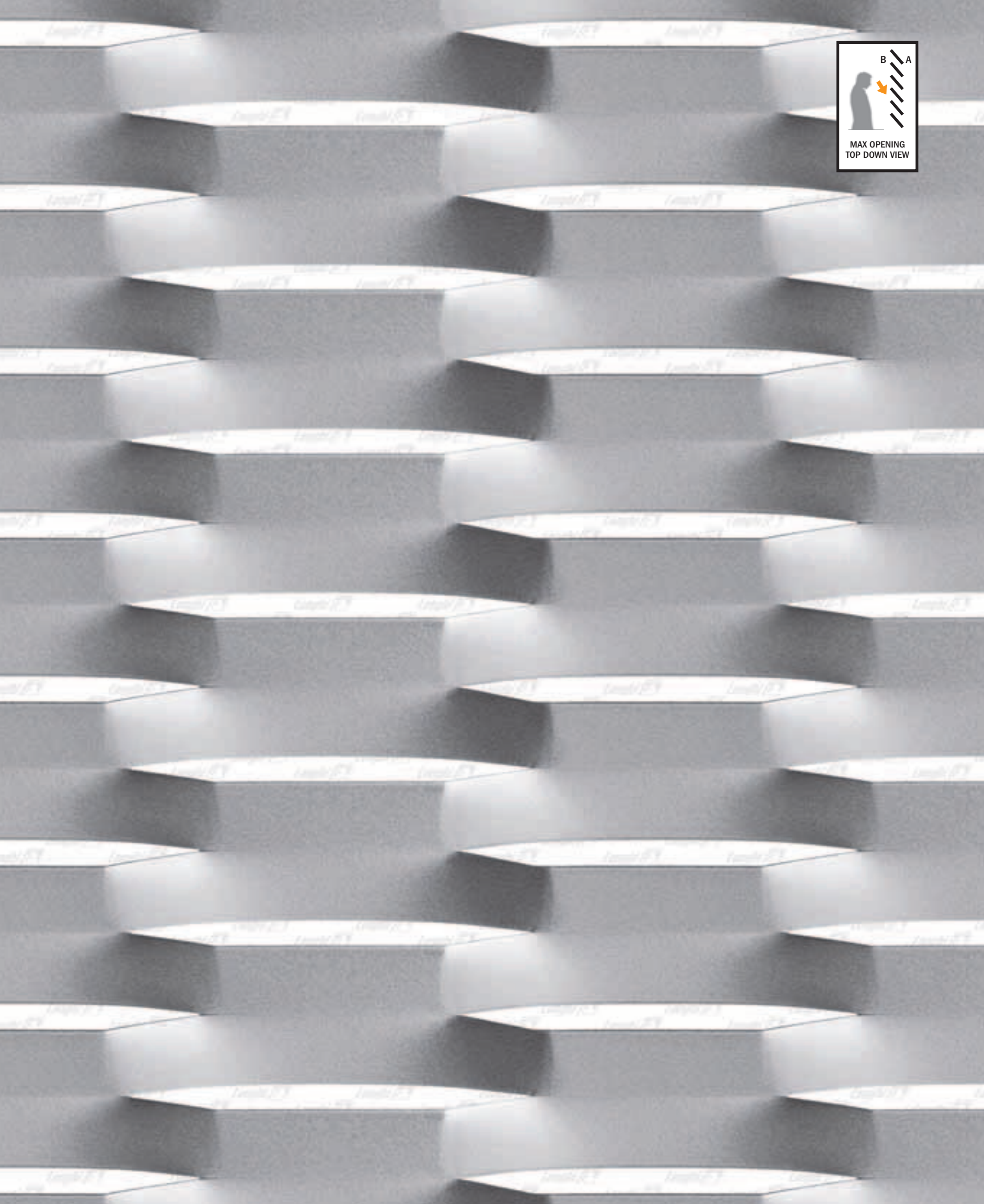
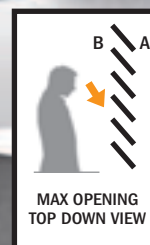
**College**



**E 160 x 40 (40) - 18 x t**

| TYPE | LW | | SW NOMINAL | SW ACTUAL | w | | t

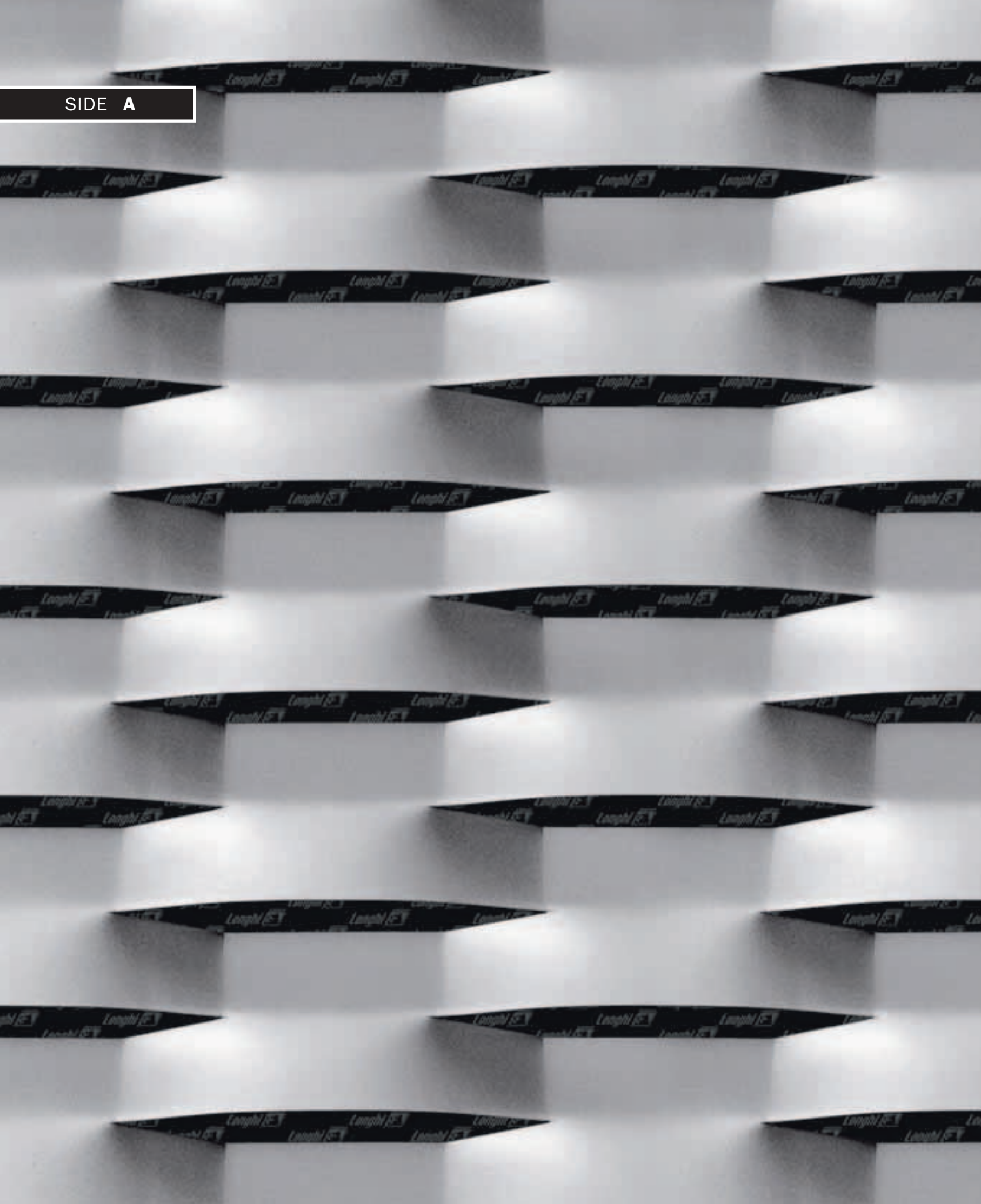




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 160 x 40 (40) - 18 x <b>1,5</b>       | 10,80                           | 3,60                           | LW 1000 x SW 2000            | 16 (~) ◆                                       | 15,4 (~)          |
| E 160 x 40 (40) - 18 x <b>2,0</b>       | 14,40                           | 4,80                           | LW 1250 x SW 2500            |  |                   |
|   |                                 |                                | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 1600 Max |  |                   |

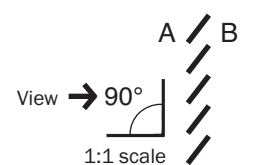
◆ Framing profiles: see page 192

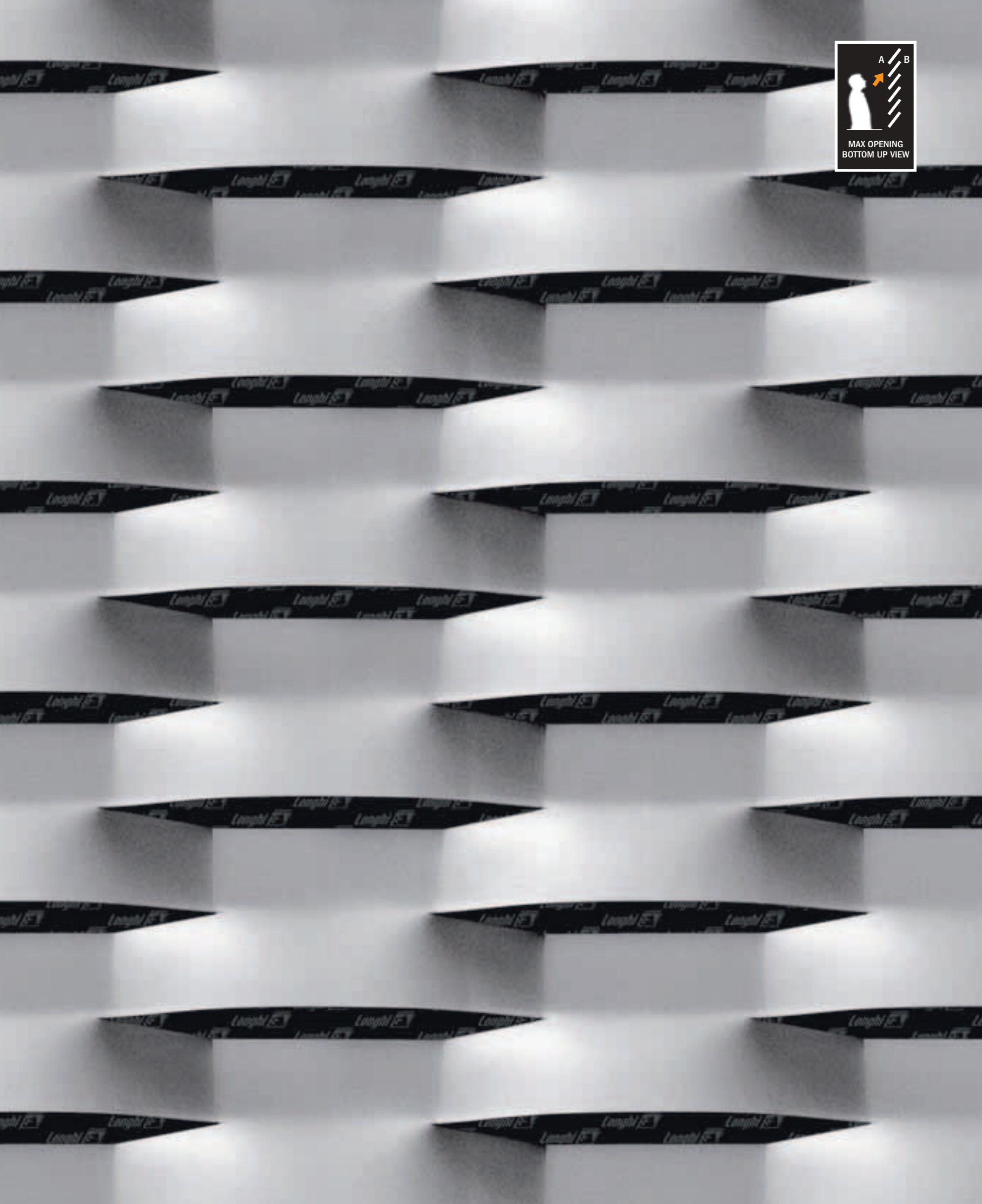
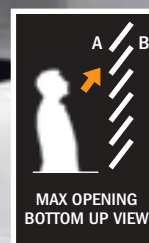
SIDE A



**Omega**

**E 160 x 40 (52) - 24 x t**  
|TYPE| LW                      |SW NOMINAL| SW ACTUAL | w                      | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 160 x 40 (52) - 24 x <b>1,5</b>       | 10,80                           | 3,60                           | LW 1000 x SW 2000            | 16 (~) ◆                                       | 15 (~)            |
| E 160 x 40 (52) - 24 x <b>2,0</b>       | 14,40                           | 4,80                           | LW 1250 x SW 2500            |  |                   |
| E 160 x 40 (52) - 24 x <b>2,0</b>       | 14,40                           | 4,80                           | LW 1500 x SW 3000            |  |                   |
| E 160 x 40 (52) - 24 x <b>3,0</b>       | 21,60                           | 7,20                           | LW 2000 - 2500 x SW 1600 Max |  |                   |

◆ Framing profiles: see page 192

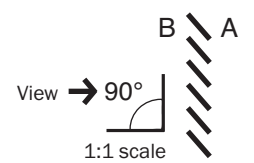


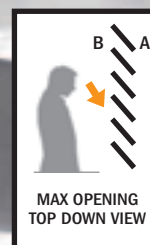
SIDE **B**

**Omega**



**E 160 x 40 (52) - 24 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

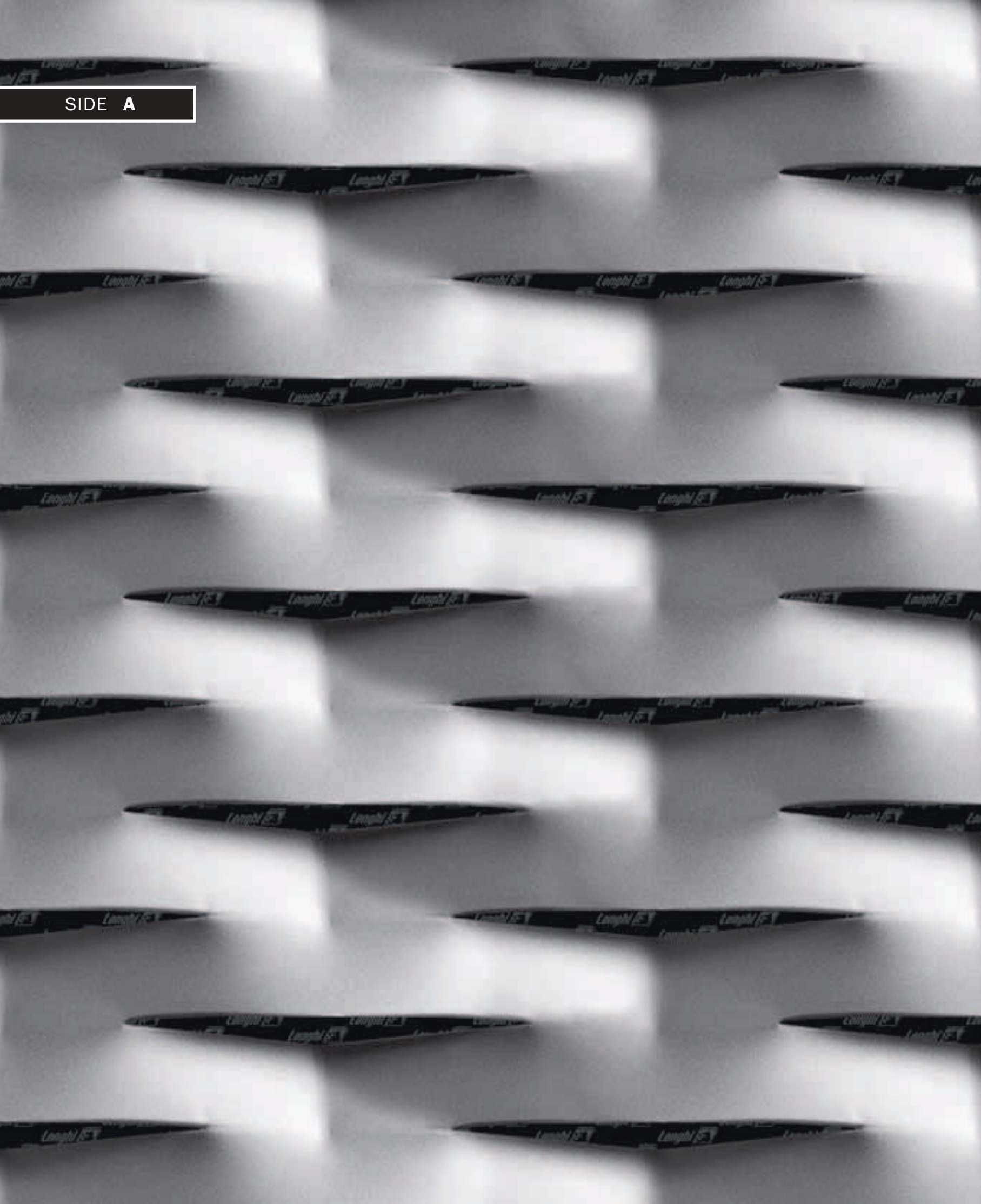




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                         | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| E 160 x 40 (52) - 24 x <b>1,5</b>       | 10,80                           | 3,60                           | LW 1000 x SW 2000                                 | 16 (~) ◆                                       | 15 (~)            |
| E 160 x 40 (52) - 24 x <b>2,0</b>       | 14,40                           | 4,80                           | LW 1250 x SW 2500                                 |  |                   |
| E 160 x 40 (52) - 24 x <b>3,0</b>       | 21,60                           | 7,20                           | LW 1500 x SW 3000<br>LW 2000 - 2500 x SW 1600 Max |  |                   |

◆ Framing profiles: see page 192

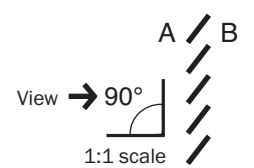
SIDE A

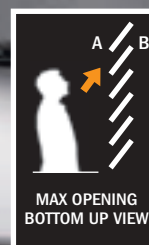


**Sierra**



**R 160 x 40 (52) - 24 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                  | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| R 160 x 40 (52) - 24 x <b>1,5</b>       | 10,60                           | 3,60                           | <b>LW</b> 1000 x <b>SW</b> 2000            | 18 (~) ◆                                       | 10,2 (~)          |
| R 160 x 40 (52) - 24 x <b>2,0</b>       | 14,10                           | 4,70                           | <b>LW</b> 1250 x <b>SW</b> 2500            |  |                   |
|   |                                 |                                | <b>LW</b> 1500 x <b>SW</b> 3000            |  |                   |
|   |                                 |                                | <b>LW</b> 2000 - 2500 x <b>SW</b> 1600 Max |  |                   |

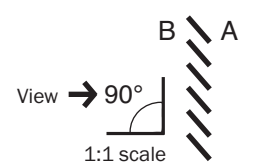
◆ Framing profiles: see page 192

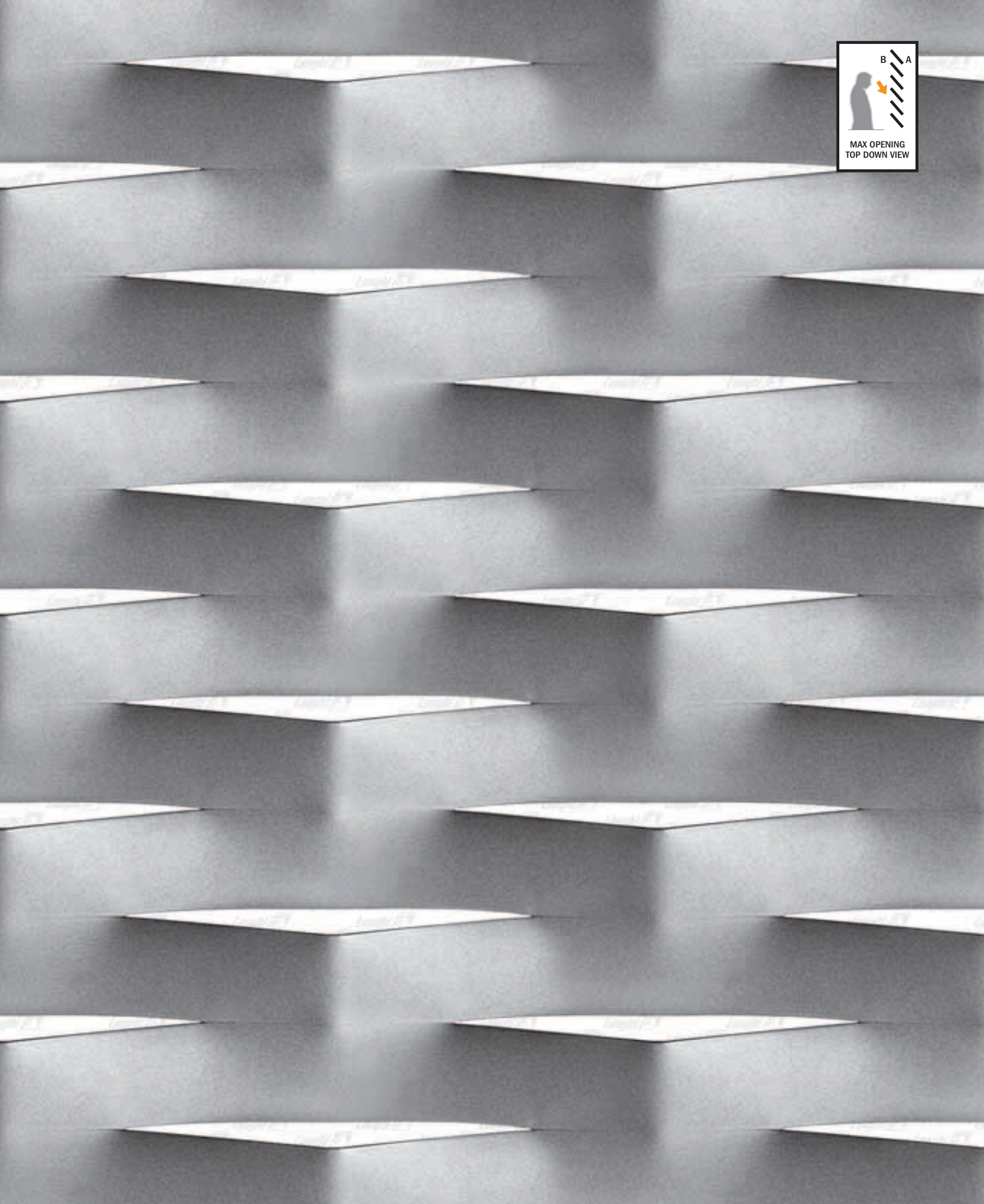
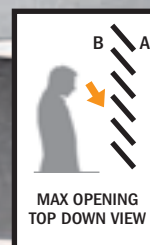
SIDE **B**

**Sierra**



**R 160 x 40 (52) - 24 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

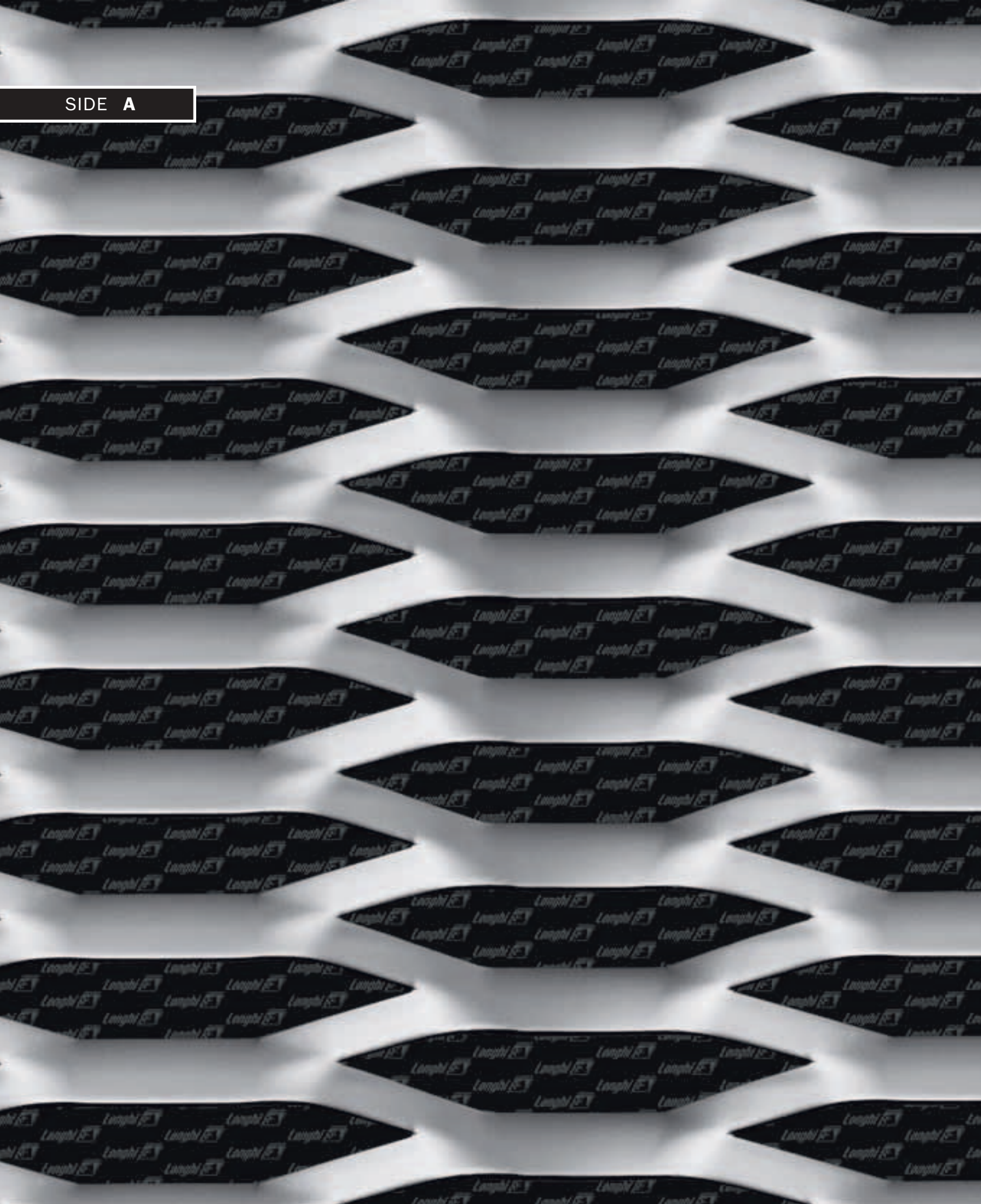




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)           | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|-------------------------------------|--|-------------------|
| R 160 x 40 (52) - 24 x <b>1,5</b>       | 10,60                           | 3,60                           | <b>LW 1000 x SW 2000</b>            | 18 (~) ◆                                       | 10,2 (~)          |
| R 160 x 40 (52) - 24 x <b>2,0</b>       | 14,10                           | 4,70                           | <b>LW 1250 x SW 2500</b>            |  |                   |
|   |                                 |                                | <b>LW 1500 x SW 3000</b>            |  |                   |
|   |                                 |                                | <b>LW 2000 - 2500 x SW 1600 Max</b> |  |                   |

◆ Framing profiles: see page 192

SIDE A



**Prisma**

**E 200 x 65 (35) - 15 x t**

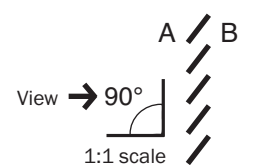
|TYPE| LW

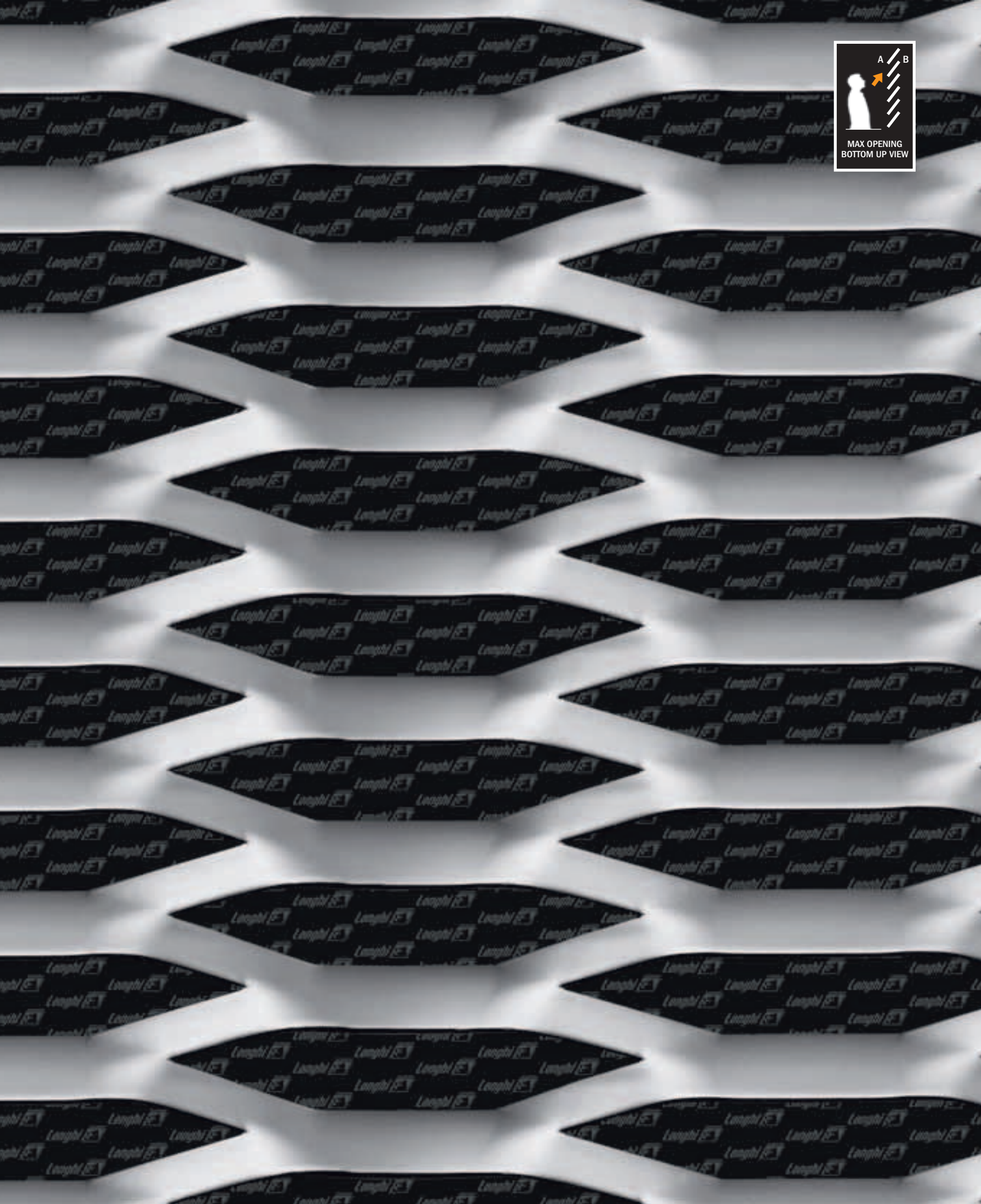
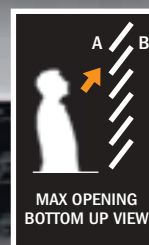
|SW NOMINAL

|SW ACTUAL

|w

|t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 200 x 65 (35) - 15 x <b>1,5</b>       | 10,10                           | /                              | LW 1000 x SW 2000            | 17 (~) ◆                                       | 20,5 (~)          |
| E 200 x 65 (35) - 15 x <b>2,0</b>       | 13,50                           | 4,60                           | LW 1250 x SW 2500            |  |                   |
| E 200 x 65 (35) - 15 x <b>2,0</b>       | 13,50                           | 4,60                           | LW 1500 x SW 3000            |  |                   |
| E 200 x 65 (35) - 15 x <b>3,0</b>       | /                               | 6,90                           | LW 2000 - 2500 x SW 1700 Max |  |                   |

◆ Framing profiles: see page 192



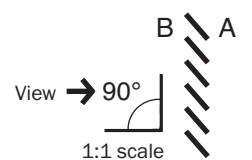
SIDE B

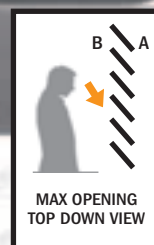
**Prisma**



**E 200 x 65 (35) - 15 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t

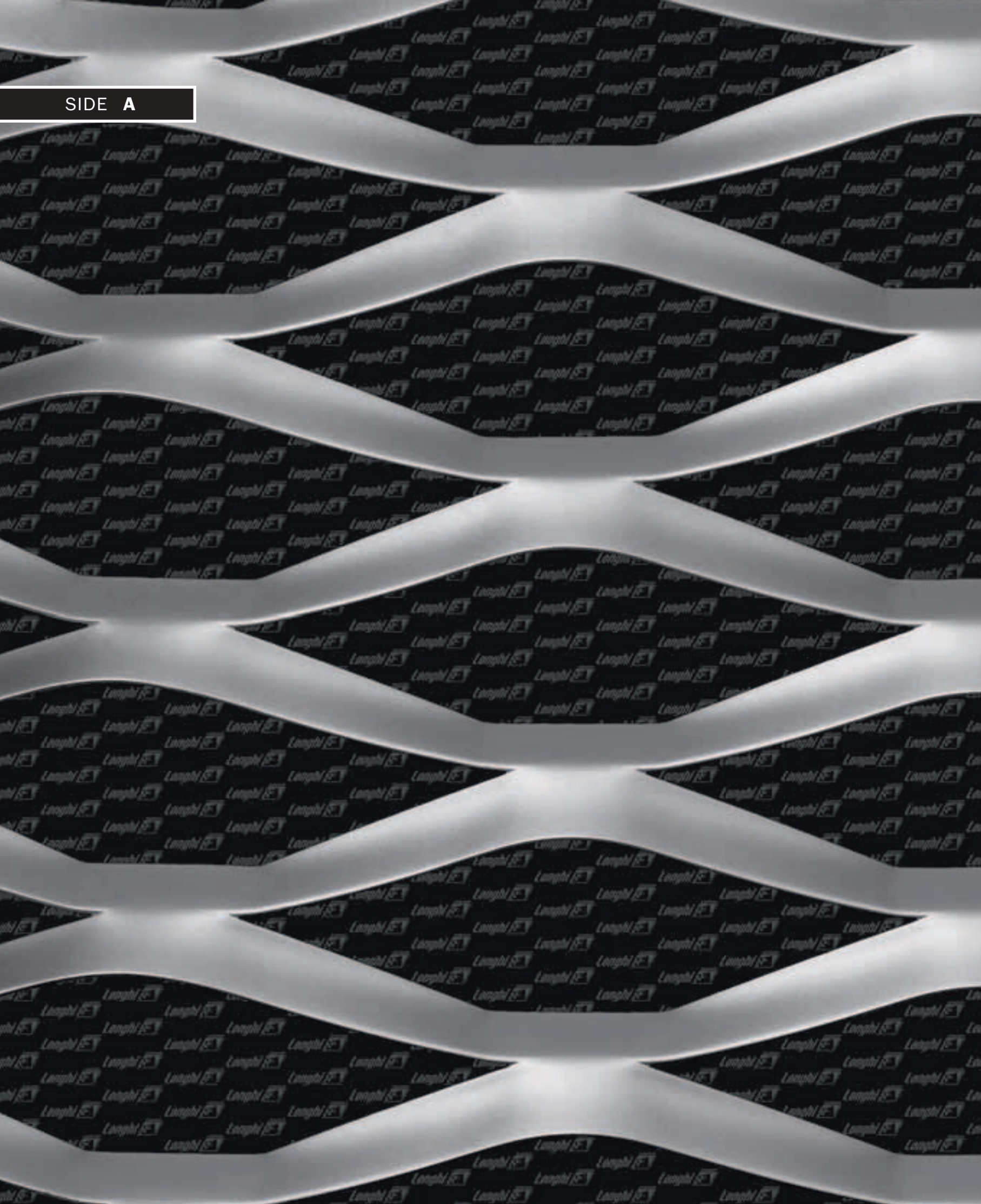




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 200 x 65 (35) - 15 x <b>1,5</b>       | 10,10                           | /                              | LW 1000 x SW 2000            | 17 (~) ◆                                       | 20,5 (~)          |
| E 200 x 65 (35) - 15 x <b>2,0</b>       | 13,50                           | 4,60                           | LW 1250 x SW 2500            |  |                   |
| E 200 x 65 (35) - 15 x <b>2,0</b>       | 13,50                           | 4,60                           | LW 1500 x SW 3000            |  |                   |
| E 200 x 65 (35) - 15 x <b>3,0</b>       | /                               | 6,90                           | LW 2000 - 2500 x SW 1700 Max |  |                   |

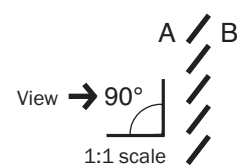
◆ Framing profiles: see page 192

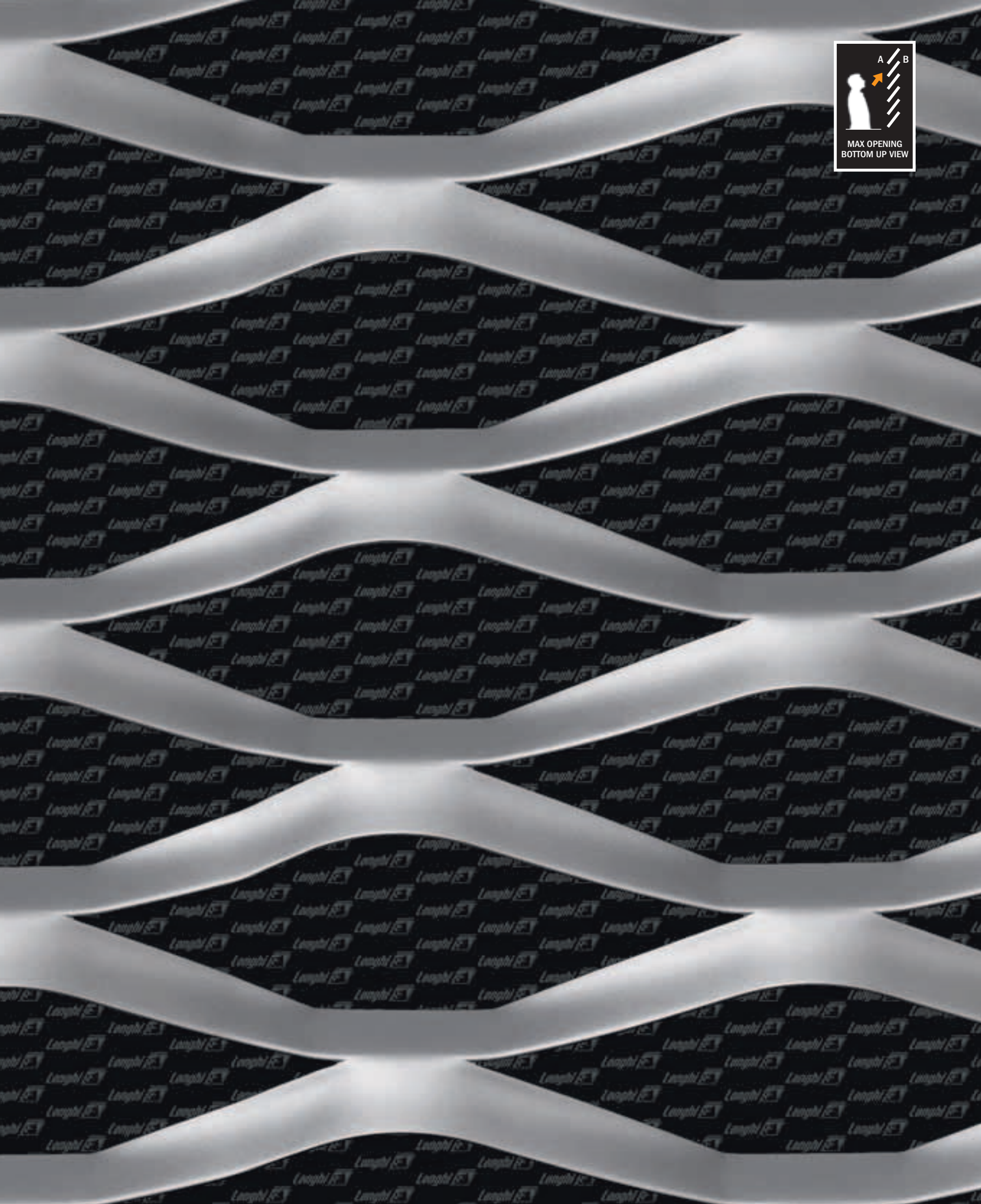
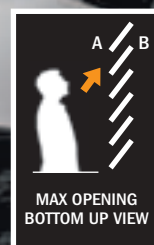
SIDE A



**Stadium**

**E 200 x 65 (70) - 20,6 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 200 x 65 (70) - 20,6 x <b>1,5</b>     | 7,20                            | 2,40                           | LW 1000 x SW 2000            | 28 (~) ◆                                       | 56 (~)            |
| E 200 x 65 (70) - 20,6 x <b>2,0</b>     | 9,30                            | 3,10                           | LW 1250 x SW 2500            |  |                   |
| E 200 x 65 (70) - 20,6 x <b>3,0</b>     | 14,00                           | 4,60                           | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2500 Max |  |                   |

◆ Framing profiles: see page 192

SIDE B

**Stadium**



**E 200 x 65 (70) - 20,6 x t**

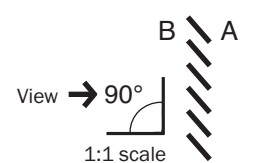
|TYPE| LW

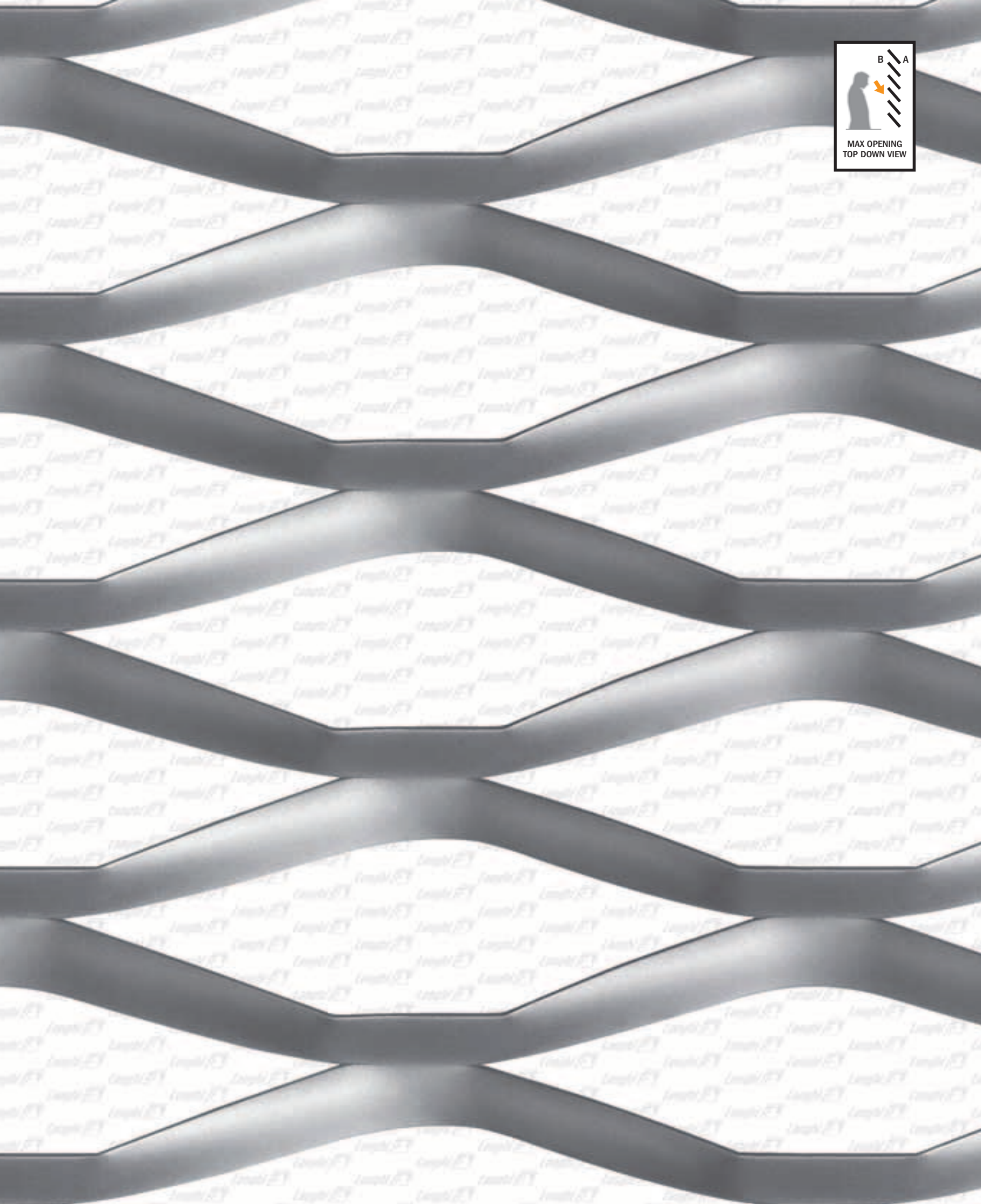
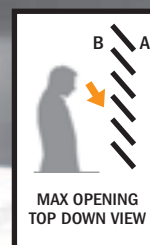
|SW NOMINAL

|SW ACTUAL

|w

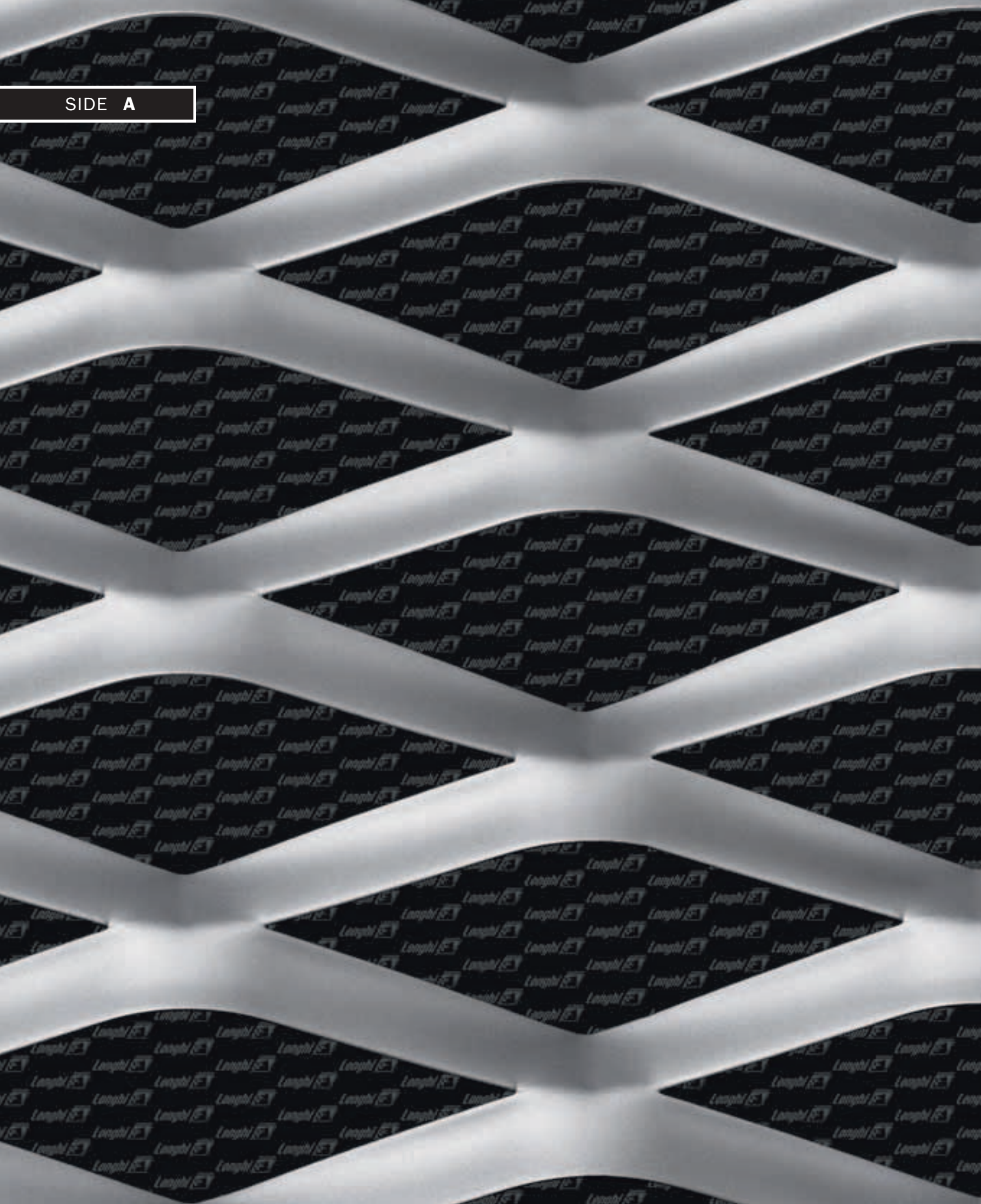
|t





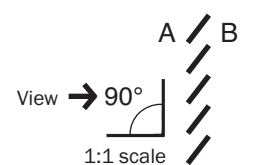
| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| E 200 x 65 (70) - 20,6 x <b>1,5</b>     | 7,20                            | 2,40                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000<br>LW 2000 - 2500 x SW 2500 Max | 28 (~) ◆                                       | 56 (~)            |
| E 200 x 65 (70) - 20,6 x <b>2,0</b>     | 9,30                            | 3,10                           |   |  |                   |
| E 200 x 65 (70) - 20,6 x <b>3,0</b>     | 14,00                           | 4,60                           |   |  |                   |

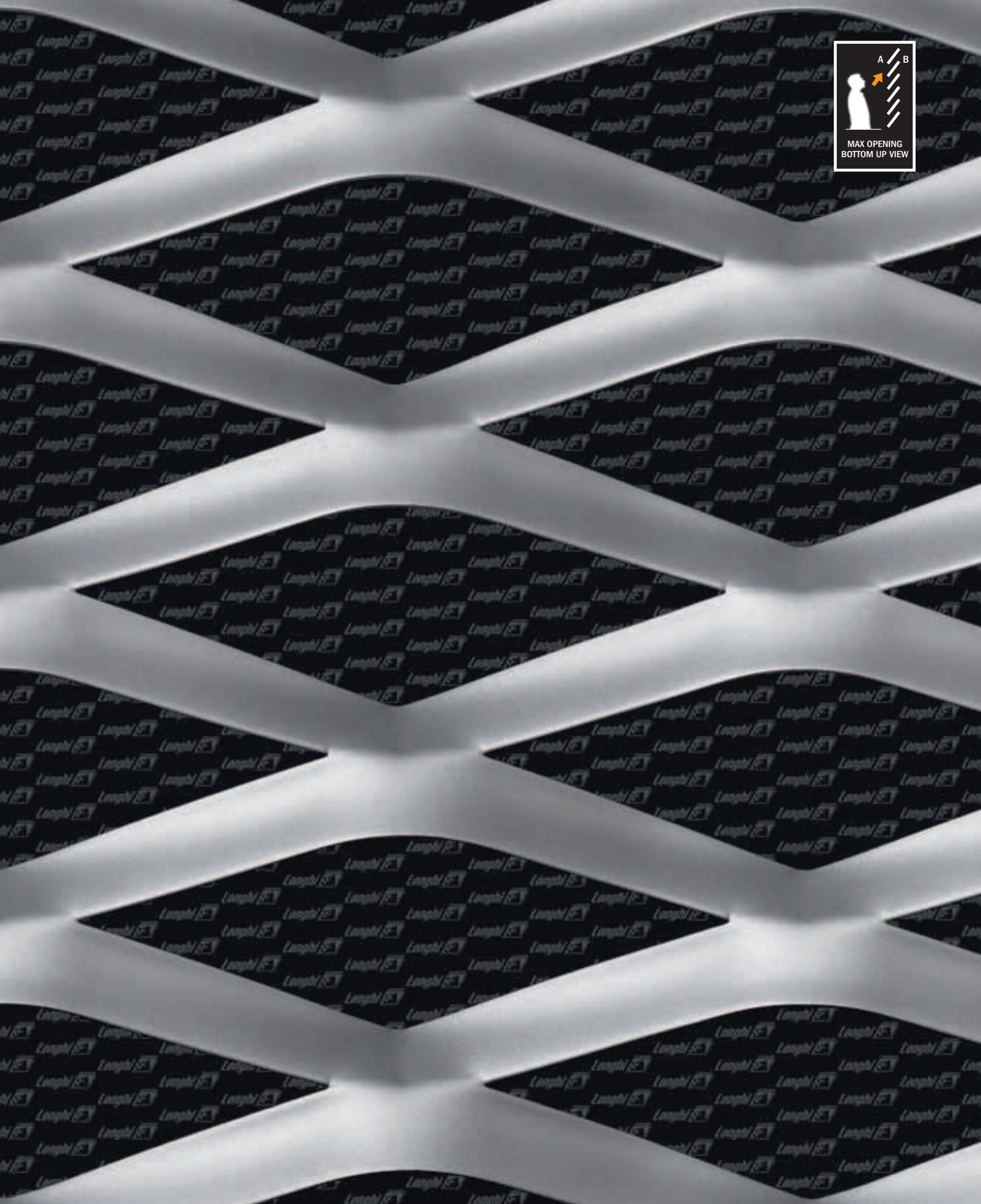
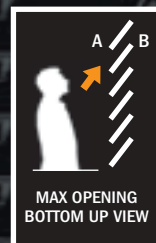
SIDE A



**Coliseum**

**R 200 x 75 (80) - 24 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)           | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|-------------------------------------|--|-------------------|
| R 200 x 75 (80) - 24 x <b>1,5</b>       | 7,10                            | 2,40                           | <b>LW 1000 x SW 2000</b>            | 32 (-) ◆                                       | 52,3 (-)          |
| R 200 x 75 (80) - 24 x <b>2,0</b>       | 9,40                            | 3,20                           | <b>LW 1250 x SW 2500</b>            |  |                   |
| R 200 x 75 (80) - 24 x <b>2,0</b>       | 9,40                            | 3,20                           | <b>LW 1500 x SW 3000</b>            |  |                   |
| R 200 x 75 (80) - 24 x <b>3,0</b>       | 14,10                           | 4,70                           | <b>LW 2000 - 2500 x SW 2500 Max</b> |  |                   |

◆ Framing profiles: see page 192



SIDE B

**Coliseum**



**R 200 x 75 (80) - 24 x t**

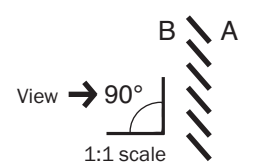
| TYPE | LW

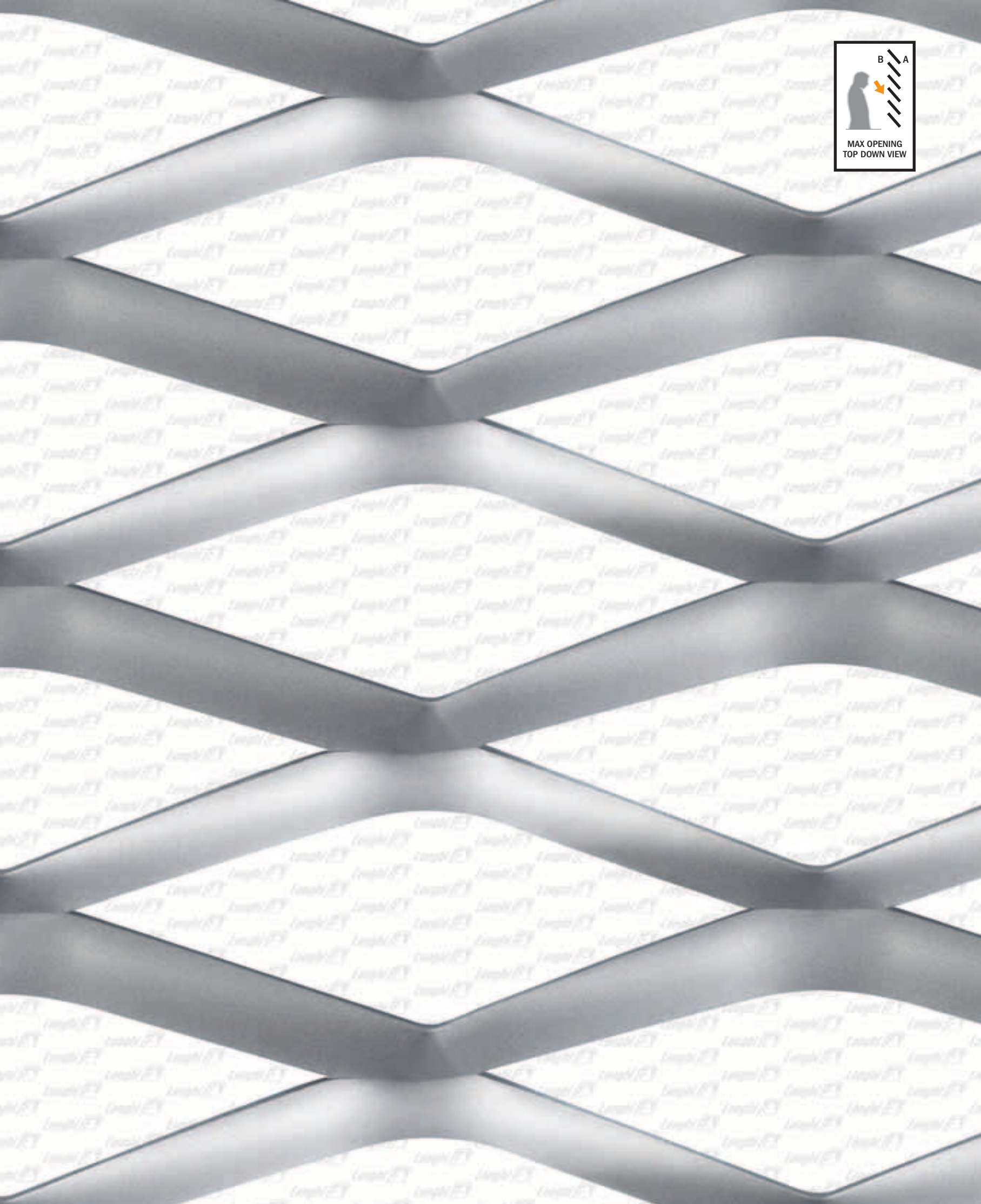
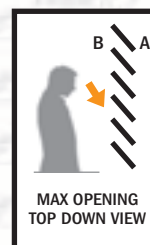
| SW NOMINAL

| SW ACTUAL

| w

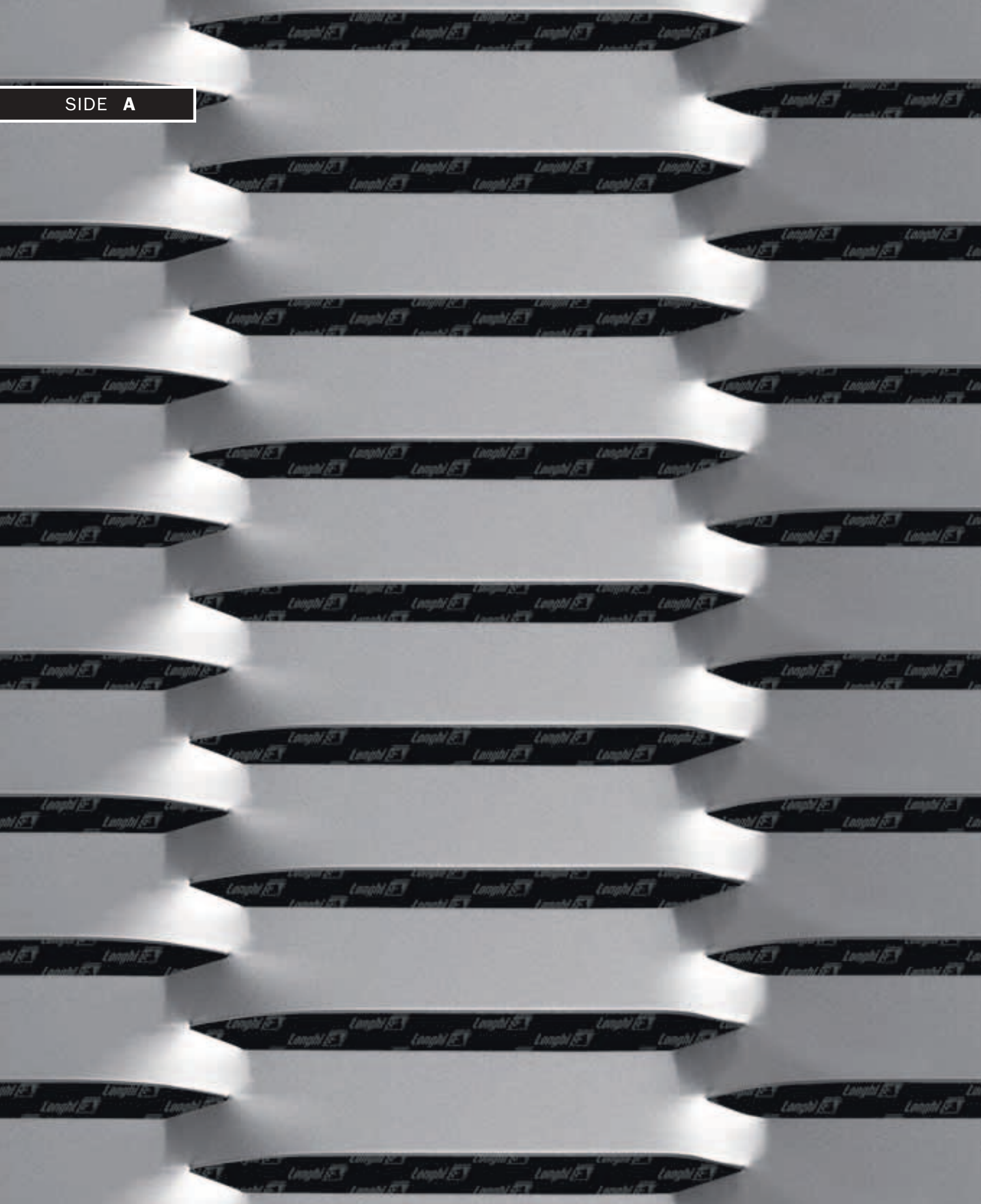
| t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 200 x 75 (80) - 24 x <b>1,5</b>       | 7,10                            | 2,40                           | LW 1000 x SW 2000            | 32 (~) ◆                                       | 52,3 (~)          |
| R 200 x 75 (80) - 24 x <b>2,0</b>       | 9,40                            | 3,20                           | LW 1250 x SW 2500            |  |                   |
| R 200 x 75 (80) - 24 x <b>3,0</b>       | 14,10                           | 4,70                           | LW 1500 x SW 3000            |  |                   |
|   |                                 |                                | LW 2000 - 2500 x SW 2500 Max |  |                   |

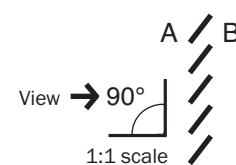
SIDE A

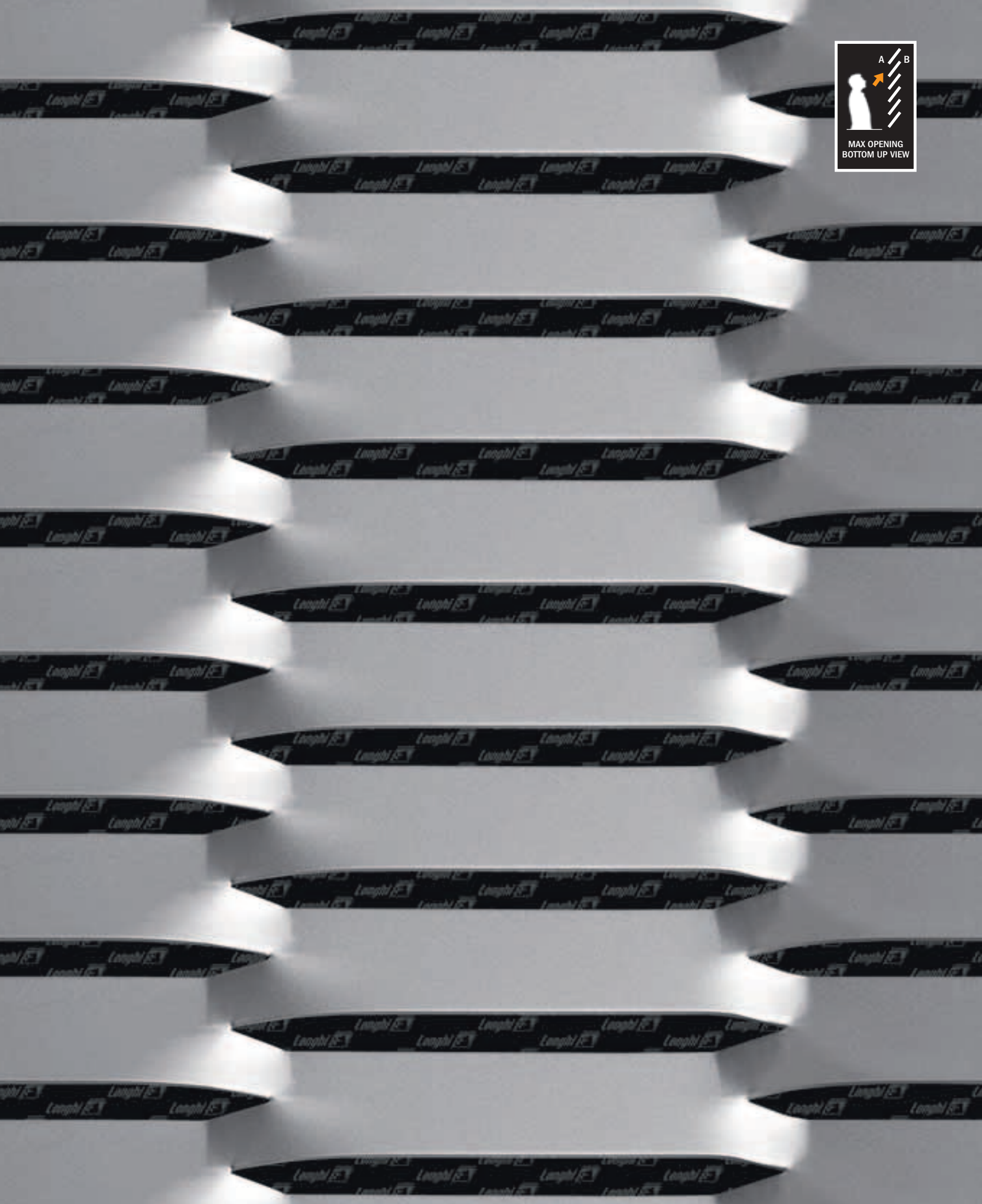
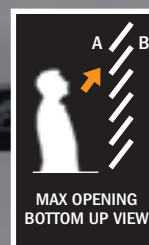


**Phoenix**



**E 250 x 35 (35) - 15 x t**  
|TYPE| LW | SW NOMINALE | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| E 250 x 35 (35) - 15 x <b>1,5</b>       | 10,10                           | 3,50                           | <b>LW</b> 1000 x <b>SW</b> 2000   | 18 (~) ◆                                       | 25 (~)            |
| E 250 x 35 (35) - 15 x <b>2,0</b>       | 13,50                           | 4,70                           | <b>LW</b> 1250 x <b>SW</b> 2500   |  |                   |
| E 250 x 35 (35) - 15 x <b>3,0</b>       | 20,20                           | 7,00                           | <b>LW</b> 1500 x <b>SW</b> 3000<br><b>LW</b> 2000 - 2500 x <b>SW</b> 1600 Max |  |                   |

◆ Framing profiles: see page 192

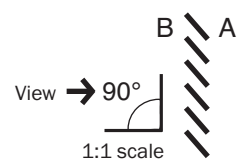
SIDE **B**

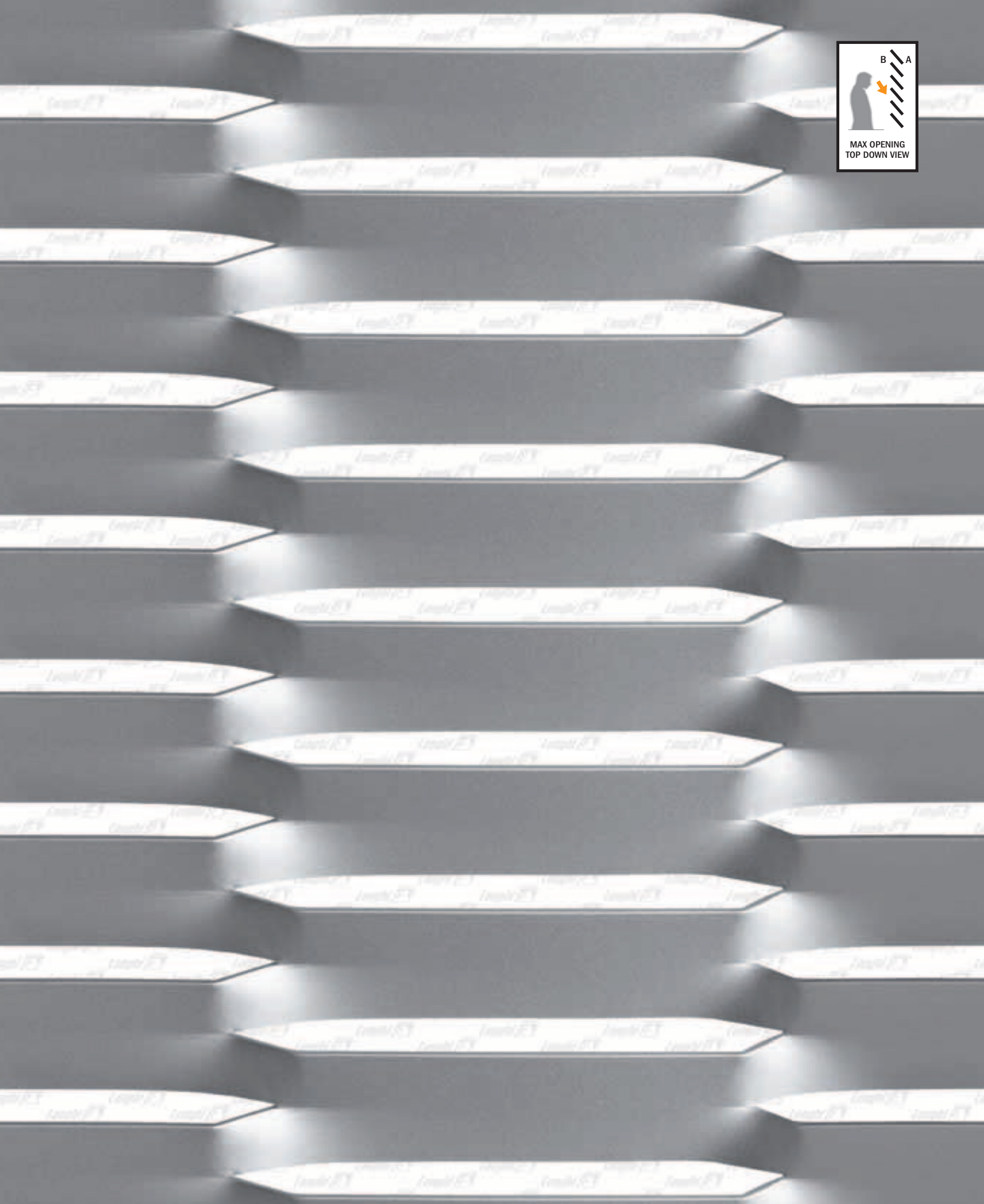
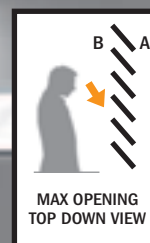
**Phoenix**



**E 250 x 35 (35) - 15 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





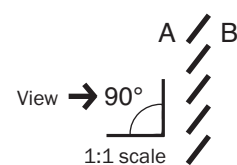
| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                                       | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| E 250 x 35 (35) - 15 x <b>1,5</b>       | 10,10                           | 3,50                           | <b>LW 1000 x SW 2000</b>  | 18 (~) ◆                                       | 25 (~)            |
| E 250 x 35 (35) - 15 x <b>2,0</b>       | 13,50                           | 4,70                           | <b>LW 1250 x SW 2500</b>  |  |                   |
| E 250 x 35 (35) - 15 x <b>3,0</b>       | 20,20                           | 7,00                           | <b>LW 1500 x SW 3000</b><br><b>LW 2000 - 2500 x SW 1600 Max</b> |  |                   |

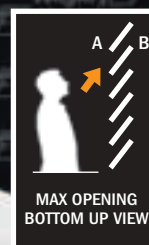
SIDE A

**Delta**



**R 250 x 90 (96) - 25 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                                   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| R 250 x 90 (96) - 25 x <b>1,5</b>       | 6,30                            | 2,10                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000 | 37 (~) ◆                                       | 59 (~)            |
| R 250 x 90 (96) - 25 x <b>2,0</b>       | 8,40                            | 2,80                           |   |  |                   |
| R 250 x 90 (96) - 25 x <b>3,0</b>       | 12,60                           | 4,20                           |   |  |                   |

◆ Framing profiles: see page 192



SIDE B

**Delta**



**R 250 x 90 (96) - 25 x t**

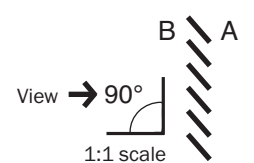
|TYPE| LW

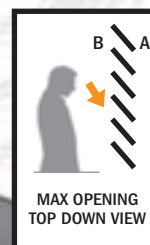
|SW NOMINAL

|SW ACTUAL

|w

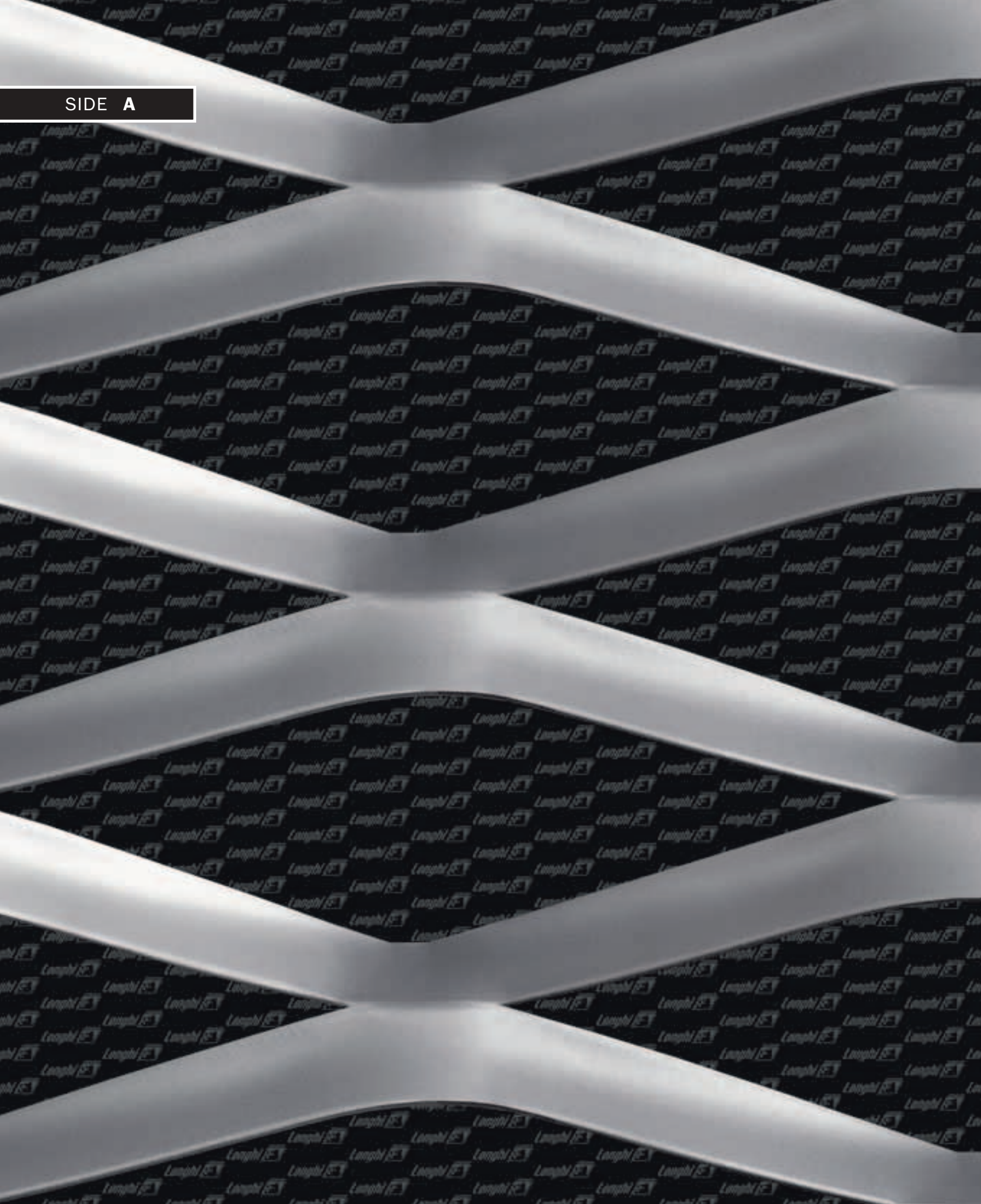
|t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                                   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| R 250 x 90 (96) - 25 x <b>1,5</b>       | 6,30                            | 2,10                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000 | 37 (~) ◆                                       | 59 (~)            |
| R 250 x 90 (96) - 25 x <b>2,0</b>       | 8,40                            | 2,80                           |   |  |                   |
| R 250 x 90 (96) - 25 x <b>3,0</b>       | 12,60                           | 4,20                           |   |  |                   |

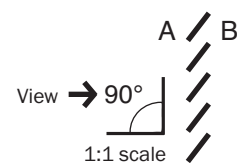
SIDE A

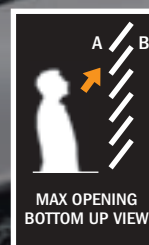


**Estesa**



**R 270 x 100 (100) - 30 x t**  
|TYPE| LW      |SW NOMINAL| SW ACTUAL      |w      |t

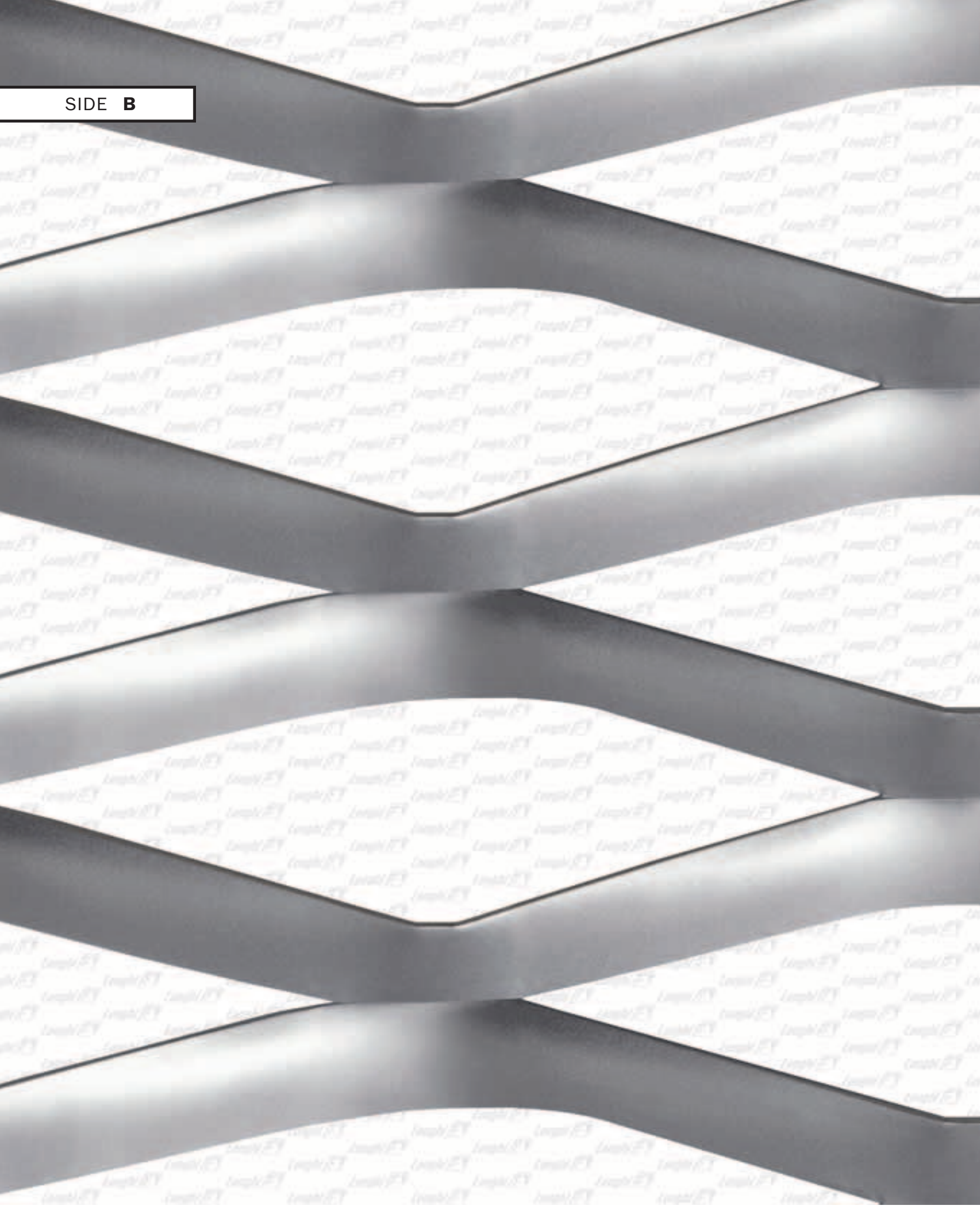




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                                   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| R 270 x 100 (100) - 30 x <b>1,5</b>     | 7,50                            | 2,50                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000 | 49 (~) ◆                                       | 52,8 (~)          |
| R 270 x 100 (100) - 30 x <b>2,0</b>     | 10,00                           | 3,40                           |   |  |                   |
| R 270 x 100 (100) - 30 x <b>3,0</b>     | 15,00                           | 5,00                           |   |  |                   |

◆ Framing profiles: see page 192

SIDE B



**Estesa**



**R 270 x 100 (100) - 30 x t**

|TYPE| LW

|SW NOMINAL

|SW ACTUAL

|w

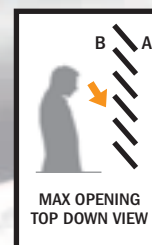
|t



B A

View → 90°

1:1 scale



| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                                   | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---|--|-------------------|
| R 270 x 100 (100) - 30 x <b>1,5</b>     | 7,50                            | 2,50                           | LW 1000 x SW 2000<br>LW 1250 x SW 2500<br>LW 1500 x SW 3000 | 49 (~) ◆                                       | 52,8 (~)          |
| R 270 x 100 (100) - 30 x <b>2,0</b>     | 10,00                           | 3,40                           |   |  |                   |
| R 270 x 100 (100) - 30 x <b>3,0</b>     | 15,00                           | 5,00                           |   |  |                   |

SIDE A

# Vela 300

E 300 x 100 (100) - 28 x t

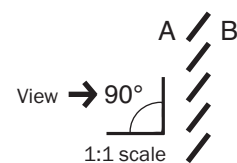
|TYPE| LW

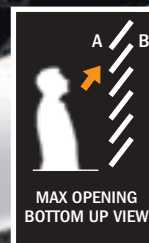
|SW NOMINAL

|SW ACTUAL

|w

|t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 300 x 100 (100) - 28 x <b>1,5</b>     | 6,60                            | 2,30                           | <b>LW 2100 x SW 2500 Max</b> | 42 (~) ◆                                       | 54,5 (~)          |
| E 300 x 100 (100) - 28 x <b>2,0</b>     | 8,80                            | 3,20                           |                              |  |                   |
| E 300 x 100 (100) - 28 x <b>3,0</b>     | /                               | 4,60                           |                              |  |                   |

◆ Framing profiles: see page 192



SIDE B



**Vela 300**

**E 300 x 100 (100) - 28 x t**

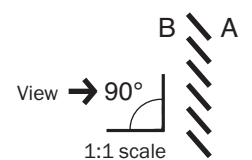
TYPE | LW

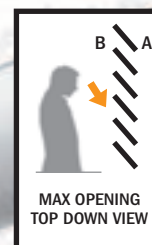
SW NOMINAL

SW ACTUAL

w

t





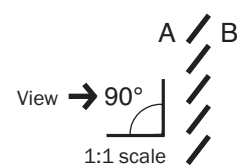
| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| E 300 x 100 (100) - 28 x <b>1,5</b>     | 6,60                            | 2,30                           | LW 2100 x SW 2500 Max     | 42 (~) ◆                                       | 54,5 (~)          |
| E 300 x 100 (100) - 28 x <b>2,0</b>     | 8,80                            | 3,20                           |                           |  |                   |
| E 300 x 100 (100) - 28 x <b>3,0</b>     | /                               | 4,60                           |                           |  |                   |

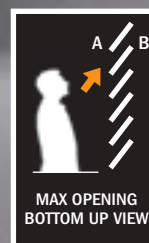
SIDE A



**Meridiana**

**E 350 x 120 (120) - 33 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                        | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| E 350 x 120 (120) - 33 x <b>2,0</b>     | 8,60                            | 3,00                           | LW 1500 x SW 3000 c.a.<br>LW 2100 x SW 2500 c.a. | 52 (~) ◆                                       | 59 (~)            |
| E 350 x 120 (120) - 33 x <b>3,0</b>     | 12,90                           | 4,50                           |  |  |                   |

◆ Framing profiles: see page 192

SIDE B

**Meridiana**



**E 350 x 120 (120) - 33 x t**

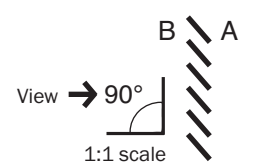
TYPE | LW

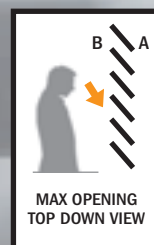
SW NOMINAL

SW ACTUAL

w

t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                        | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| E 350 x 120 (120) - 33 x <b>2,0</b>     | 8,60                            | 3,00                           | LW 1500 x SW 3000 c.a.<br>LW 2100 x SW 2500 c.a. | 52 (~) ◆                                       | 59 (~)            |
| E 350 x 120 (120) - 33 x <b>3,0</b>     | 12,90                           | 4,50                           |  |  |                   |

SIDE A

# Luna 400



T 400 x 150 (100) - 40 x t

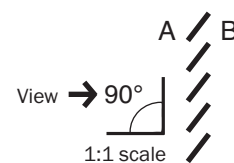
| TYPE | LW

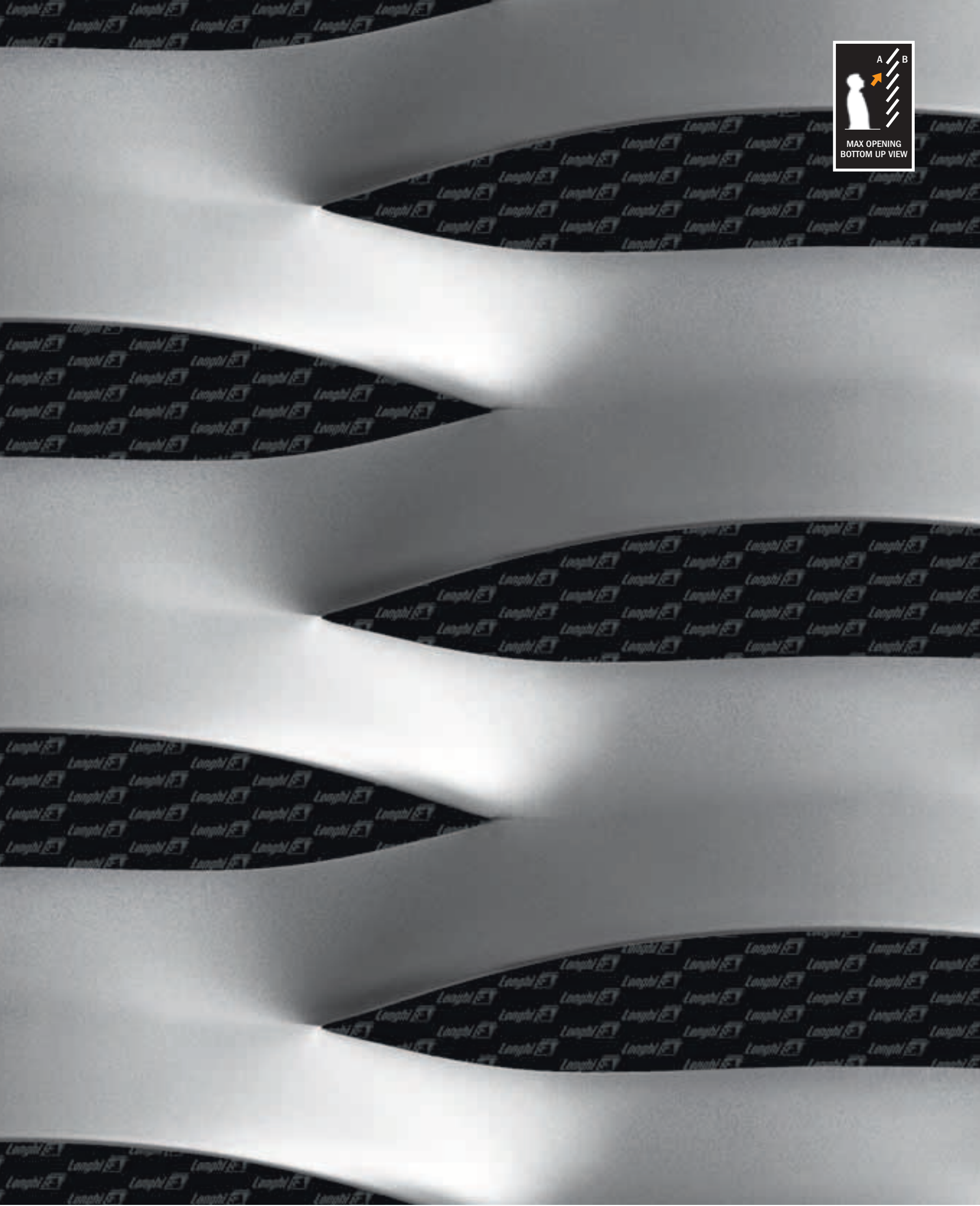
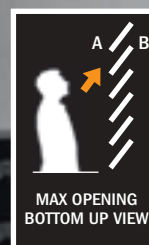
| SW NOMINAL

| SW ACTUAL

| w

| t

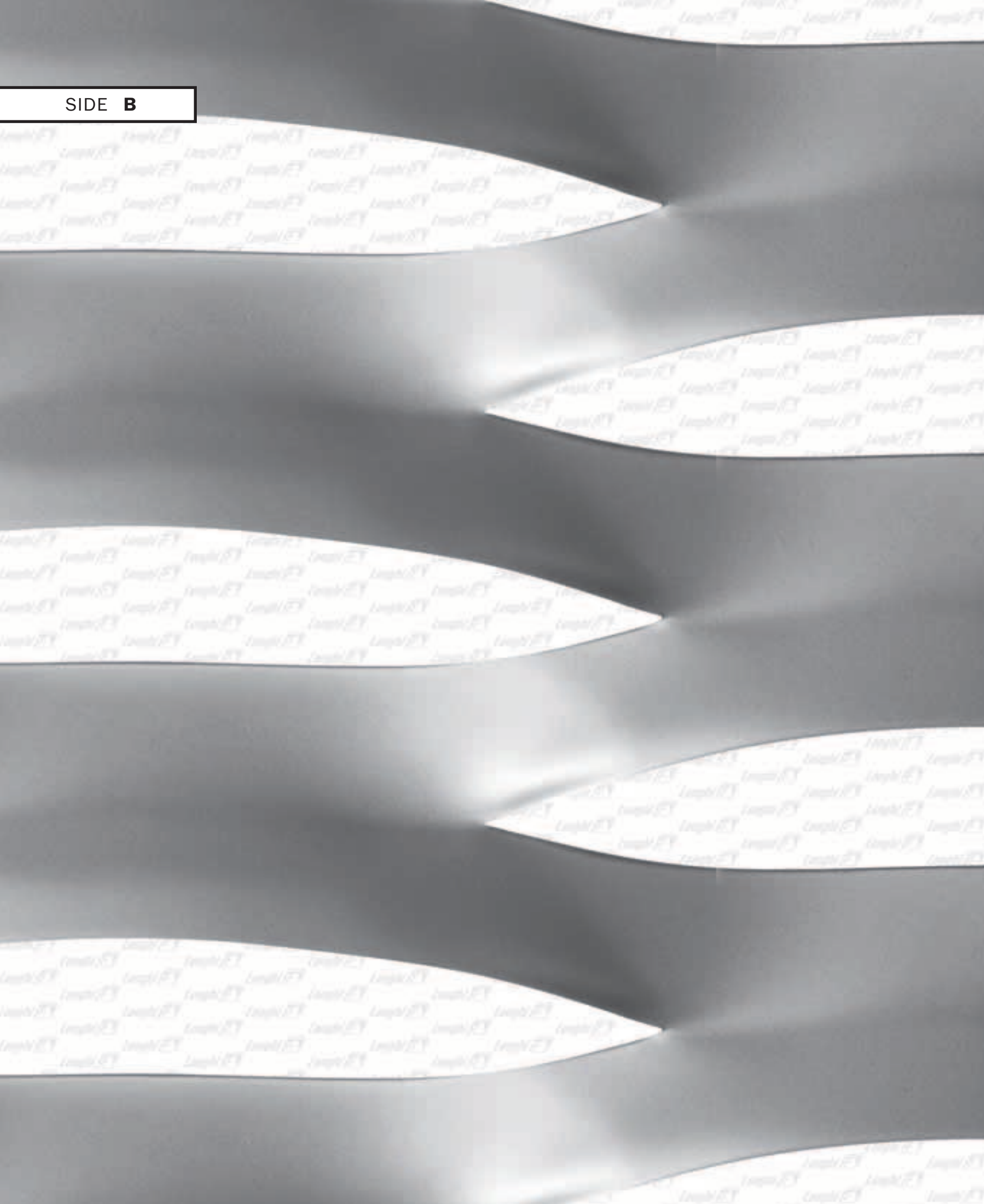




| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| T 400 x 150 (100) - 40 x <b>2,0</b>     | 12,50                           | 4,30                           | LW 1250 x SW 2500         | 41 (~) ◆                                       | 27,5 (~)          |
| T 400 x 150 (100) - 40 x <b>3,0</b>     | 18,70                           | 6,50                           |                           |  |                   |

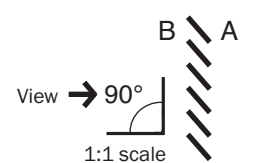


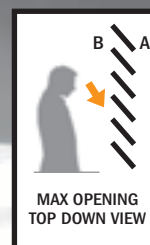
SIDE **B**



**Luna 400**

**T 400 x 150 (100) - 40 x t**  
|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| T 400 x 150 (100) - 40 x <b>2,0</b>     | 12,50                           | 4,30                           | LW 1250 x SW 2500         | 41 (~) ◆                                       | 27,5 (~)          |
| T 400 x 150 (100) - 40 x <b>3,0</b>     | 18,70                           | 6,50                           |                           |  |                   |

SIDE A

Italy



R 400 x 140 (140) - 33 x t

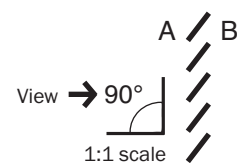
|TYPE| LW

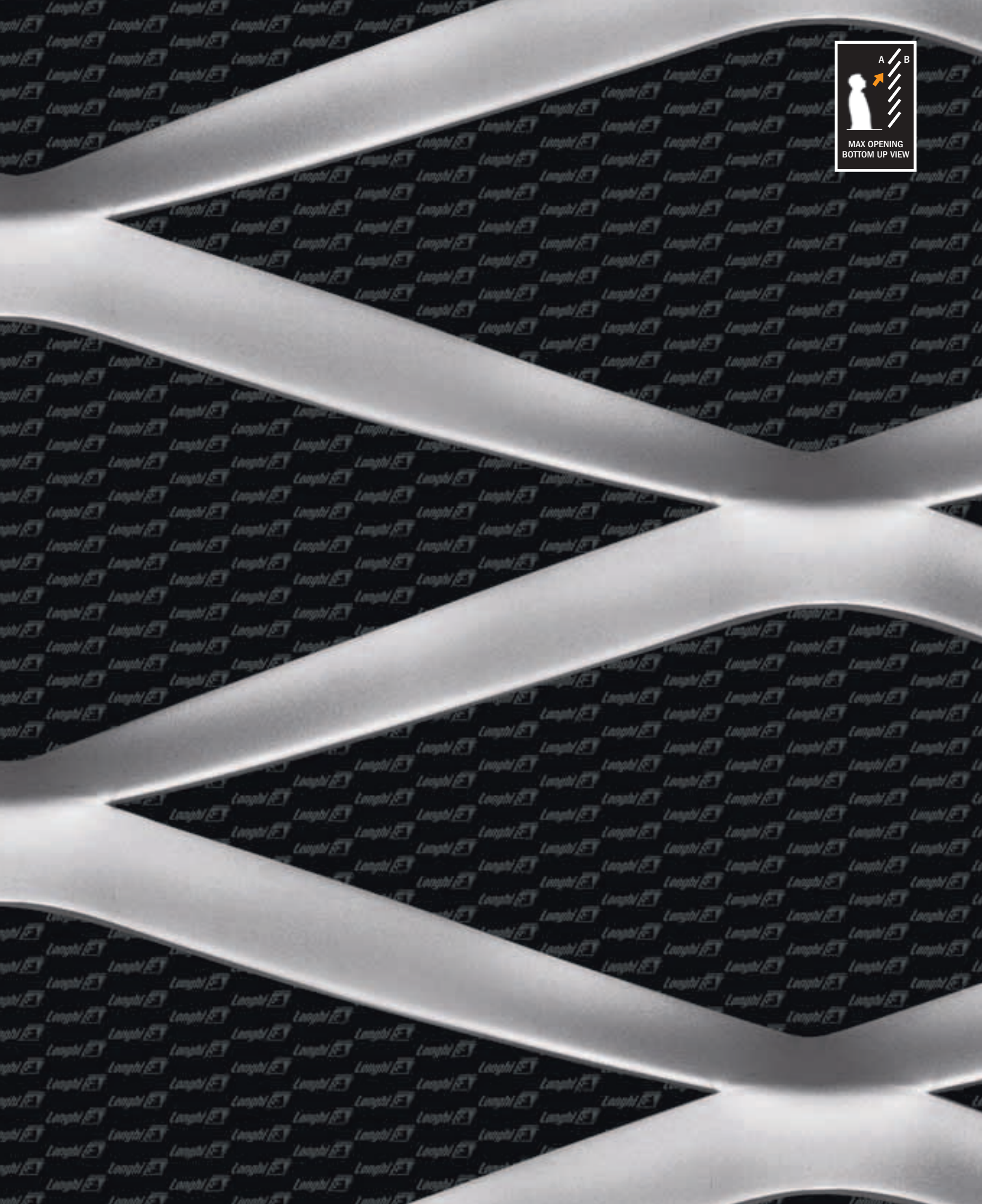
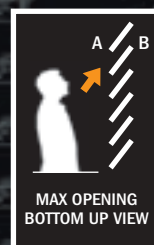
|SW NOMINAL

|SW ACTUAL

|w

|t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                        | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| R 400 x 140 (140) - 33 x <b>2,0</b>     | 7,20                            | 2,60                           | LW 1250 x SW 3000 c.a.<br>LW 2200 x SW 2500 c.a. | 53 (~) ◆                                       | 63 (~)            |
| R 400 x 140 (140) - 33 x <b>3,0</b>     | 11,00                           | 3,80                           |  |  |                   |

◆ Framing profiles: see page 192

SIDE B

Italy



R 400 x 140 (140) - 33 x t

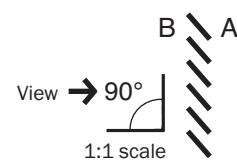
TYPE | LW

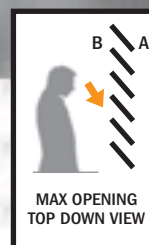
SW NOMINAL

SW ACTUAL

w

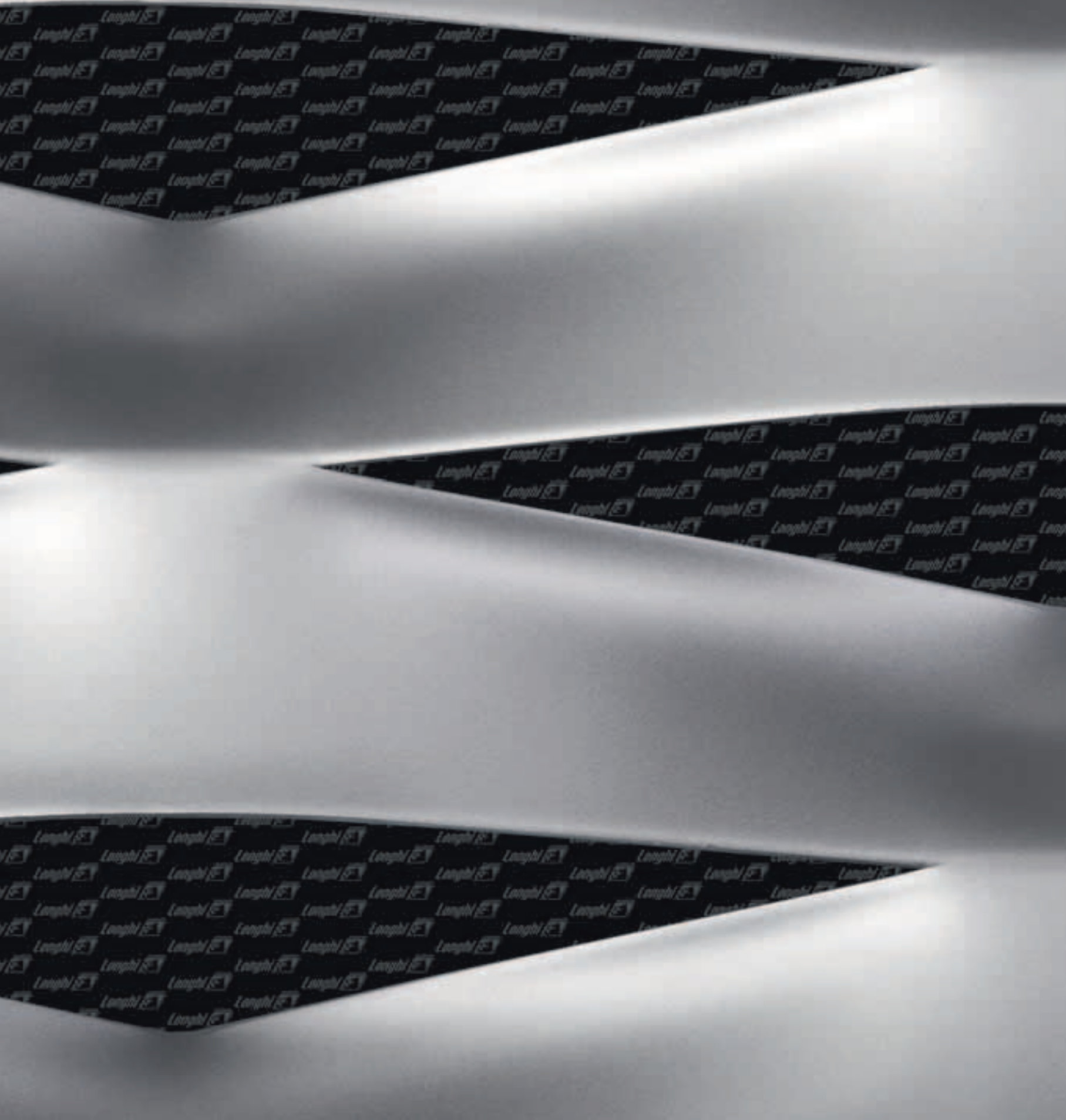
t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                                      | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|--|--|-------------------|
| R 400 x 140 (140) - 33 x <b>2,0</b>     | 7,20                            | 2,60                           | <b>LW 1250 x SW 3000 c.a.</b><br><b>LW 2200 x SW 2500 c.a.</b> | 53 (~) ◆                                       | 63 (~)            |
| R 400 x 140 (140) - 33 x <b>3,0</b>     | 11,00                           | 3,80                           |  |  |                   |

SIDE A



**EF 400**



**R 400 x 140 (180) - 80 x t**

|TYPE| LW

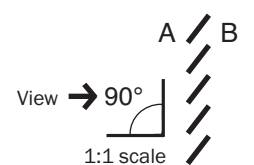
|SW NOMINAL

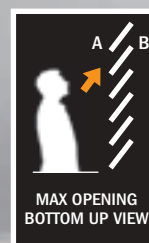
|SW ACTUAL

|w

|t

*protech*



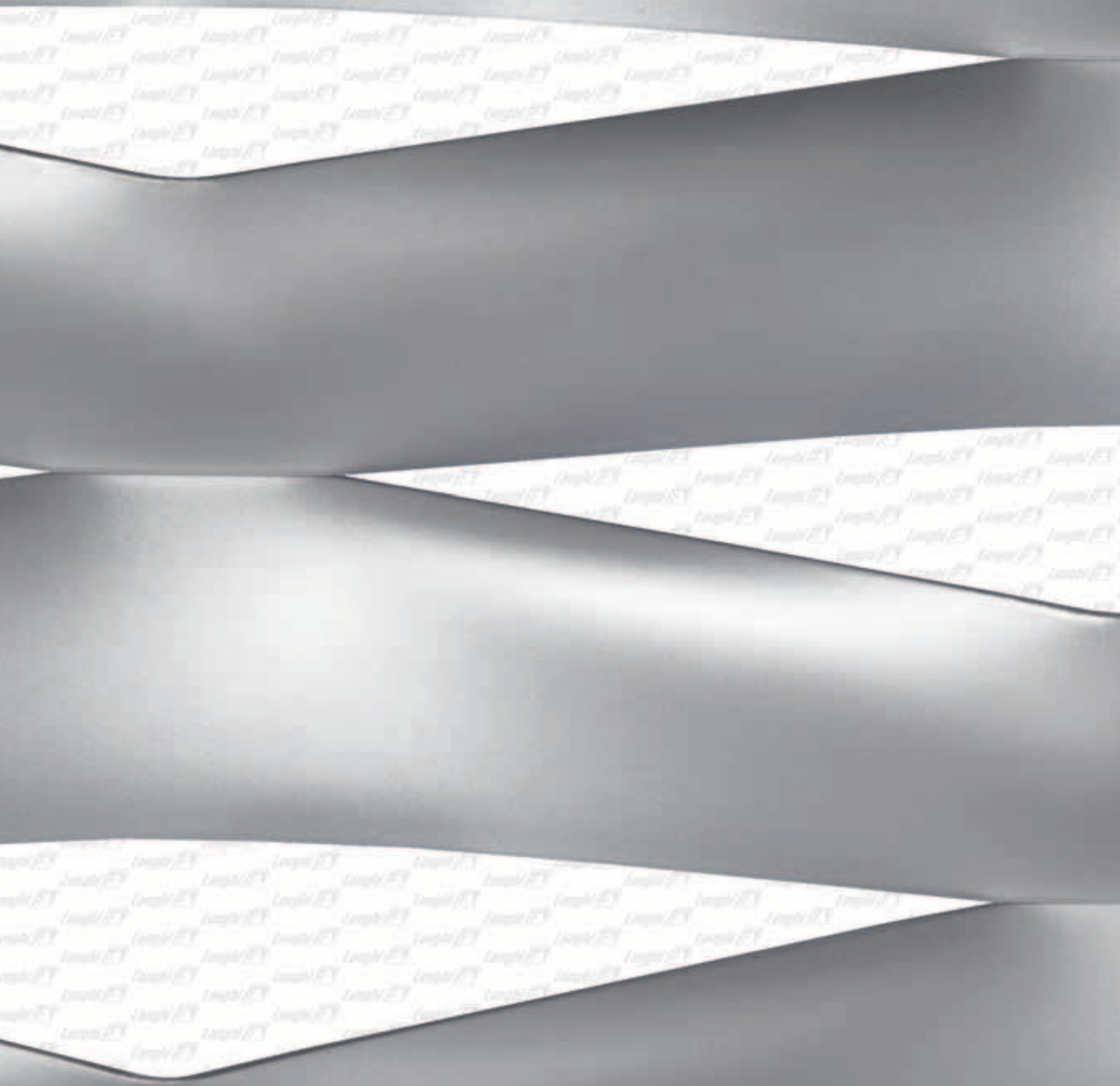


| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| R 400 x 140 (180) - 80 x <b>1,5</b>     | 10,50                           | /                              | LW 1250 x SW 2500         | 72 (~) ◆                                       | 22 (~)            |
| R 400 x 140 (180) - 80 x <b>2,0</b>     | 14,00                           | 4,80                           |                           |  |                   |
| R 400 x 140 (180) - 80 x <b>3,0</b>     | /                               | 7,20                           |                           |  |                   |

◆ Framing profiles: see page 192



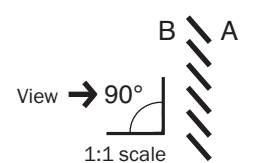
SIDE **B**

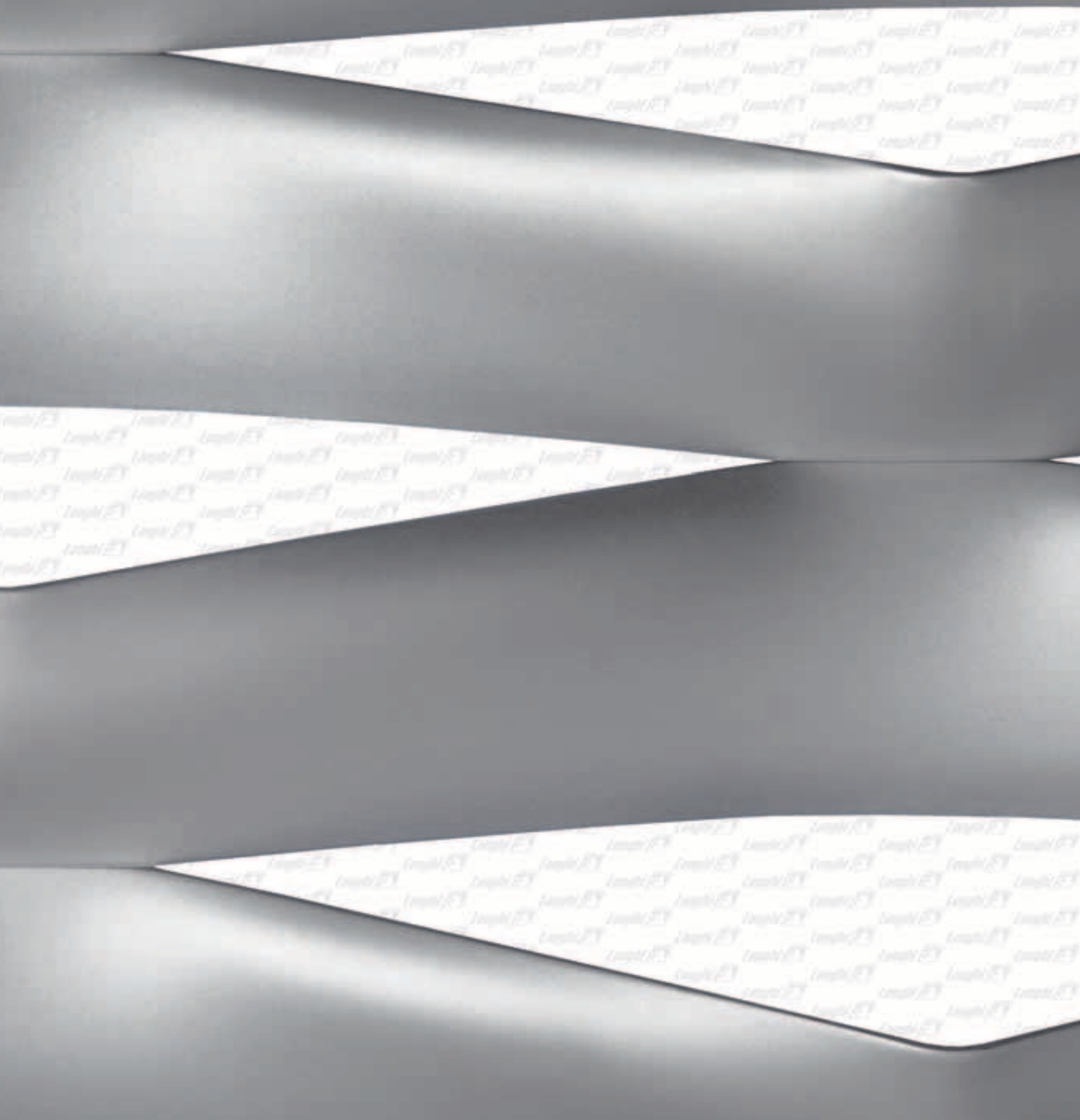
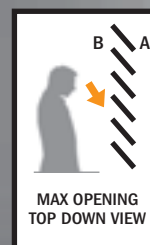


**EF 400**

**R 400 x 140 (180) - 80 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| R 400 x 140 (180) - 80 x <b>1,5</b>     | 10,50                           | /                              | LW 1250 x SW 2500         | 72 (~) ◆                                       | 22 (~)            |
| R 400 x 140 (180) - 80 x <b>2,0</b>     | 14,00                           | 4,80                           |                           |  |                   |
| R 400 x 140 (180) - 80 x <b>3,0</b>     | /                               | 7,20                           |                           |  |                   |

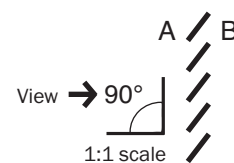
SIDE A

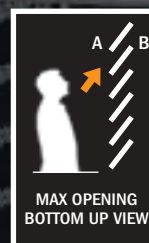
**EF 400/1**



**R 400 x 140 (230) - 100 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| R 400 x 140 (230) - 100 x <b>1,5</b>    | 10,30                           | /                              | LW 1250 x SW 2500         | 76 (~) ◆                                       | 17 (~)            |
| R 400 x 140 (230) - 100 x <b>2,0</b>    | 13,70                           | 4,70                           |                           |  |                   |
| R 400 x 140 (230) - 100 x <b>3,0</b>    | /                               | 7,10                           |                           |  |                   |

◆ Framing profiles: see page 192

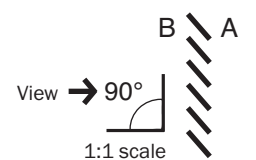
SIDE **B**

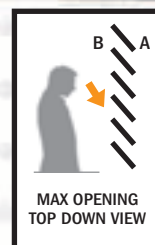
**EF 400/1**



**R 400 x 140 (230) - 100 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





| Type - LW x SW (SW actual) - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| R 400 x 140 (230) - 100 x <b>1,5</b>    | 10,30                           | /                              | LW 1250 x SW 2500         | 76 (~) ◆                                       | 17 (~)            |
| R 400 x 140 (230) - 100 x <b>2,0</b>    | 13,70                           | 4,70                           |                           |  |                   |
| R 400 x 140 (230) - 100 x <b>3,0</b>    | /                               | 7,10                           |                           |  |                   |

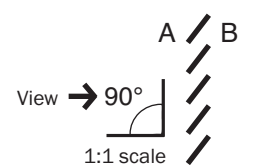
SIDE A

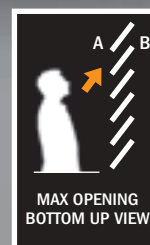
# Opera 400



**E 400 x 140 (305) - 150 x t**

| TYPE | LW | SW NOMINAL | SW ACTUAL | w | t





1 : 5 SCALE

| Type - LW x SW (SW actual) - w x t (mm) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|--------------------------------|---------------------------|--|-------------------|
| E 400 x 140 (305) - 150 x <b>2,0</b>    | 5,40                           | LW 1250 x SW 2500         | 60 (~) ◆                                       | 5,5 (~)           |
| E 400 x 140 (305) - 150 x <b>3,0</b>    | 8,00                           |                           |  |                   |

◆ Framing profiles: see page 192



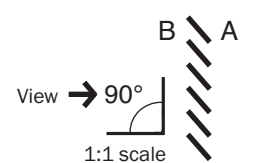
SIDE **B**

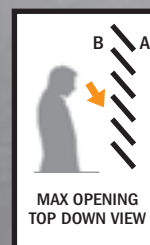
**Opera 400**



**E 400 x 140 (305) - 150 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





1 : 5 SCALE



| Type - LW x SW (SW actual) - w x t (mm) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|--------------------------------|---------------------------|--|-------------------|
| E 400 x 140 (305) - 150 x <b>2,0</b>    | 5,40                           | LW 1250 x SW 2500         | 60 (~) ◆                                       | 5,5 (~)           |
| E 400 x 140 (305) - 150 x <b>3,0</b>    | 8,00                           |                           |  |                   |

◆ Framing profiles: see page 192

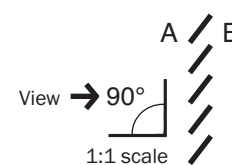
SIDE A

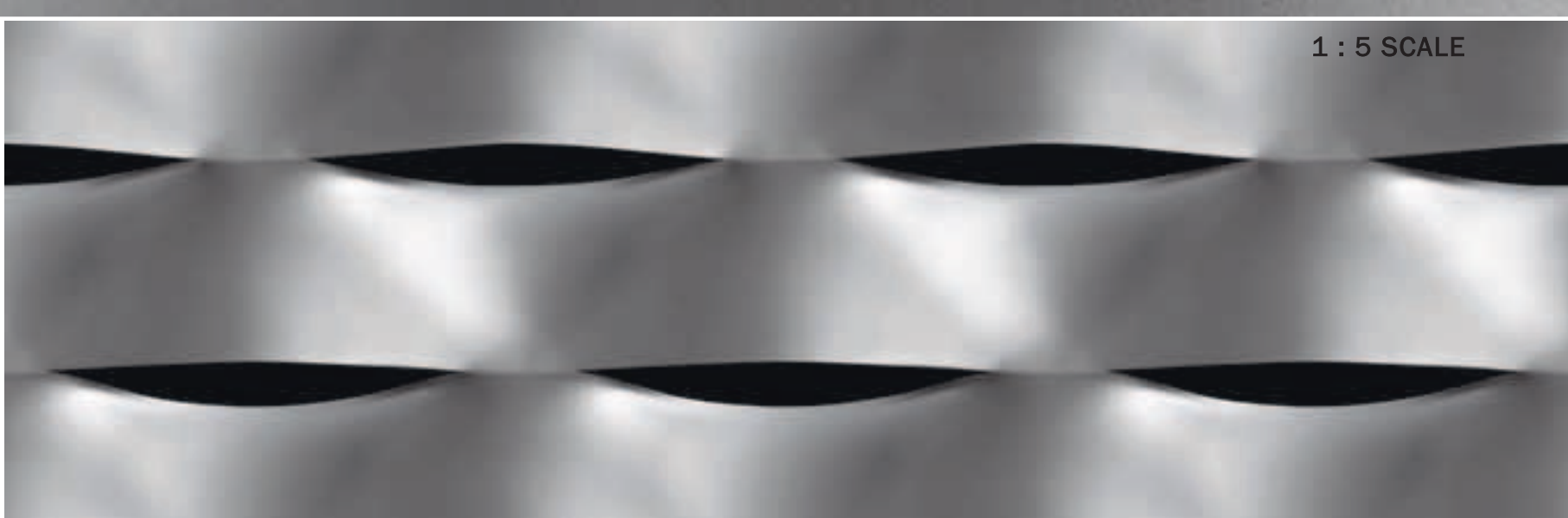
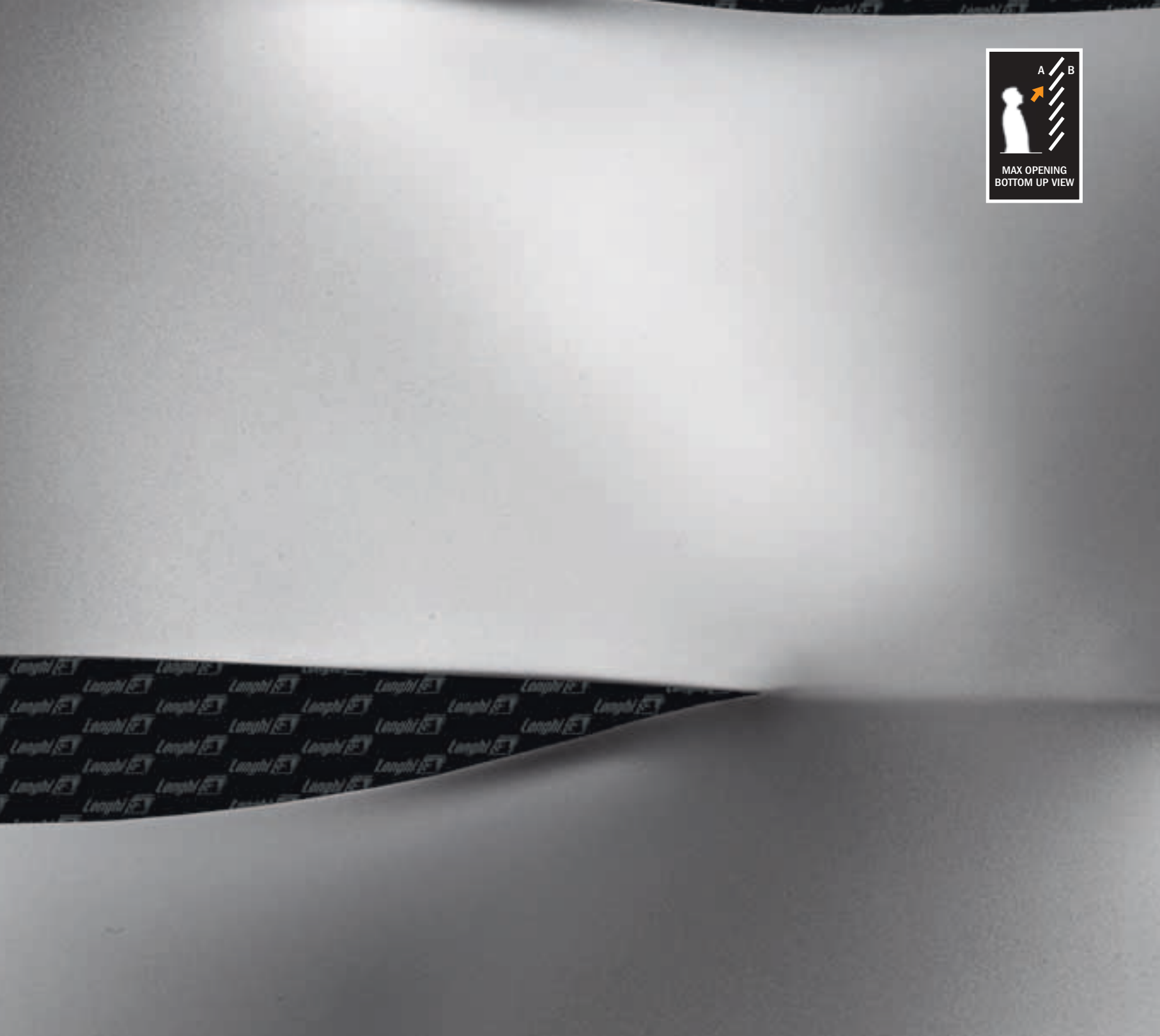
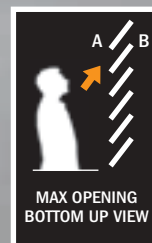
# Ellisse 400



T 400 x 140 (320) - 150 x t

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





1 : 5 SCALE

| Type - LW x SW (SW actual) - w x t (mm) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|--------------------------------|---------------------------|--|-------------------|
| T 400 x 140 (320) - 150 x <b>2,0</b>    | 5,10                           | LW 1250 x SW 2500         | 75 (~) ◆                                       | 6,5 (~)           |
| T 400 x 140 (320) - 150 x <b>3,0</b>    | 7,60                           |                           |  |                   |

◆ Framing profiles: see page 192

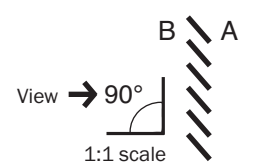
SIDE **B**

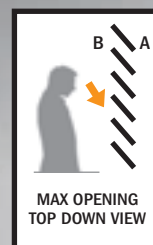
**Ellisse 400**



**T 400 x 140 (320) - 150 x t**

|TYPE| LW | SW NOMINAL | SW ACTUAL | w | t





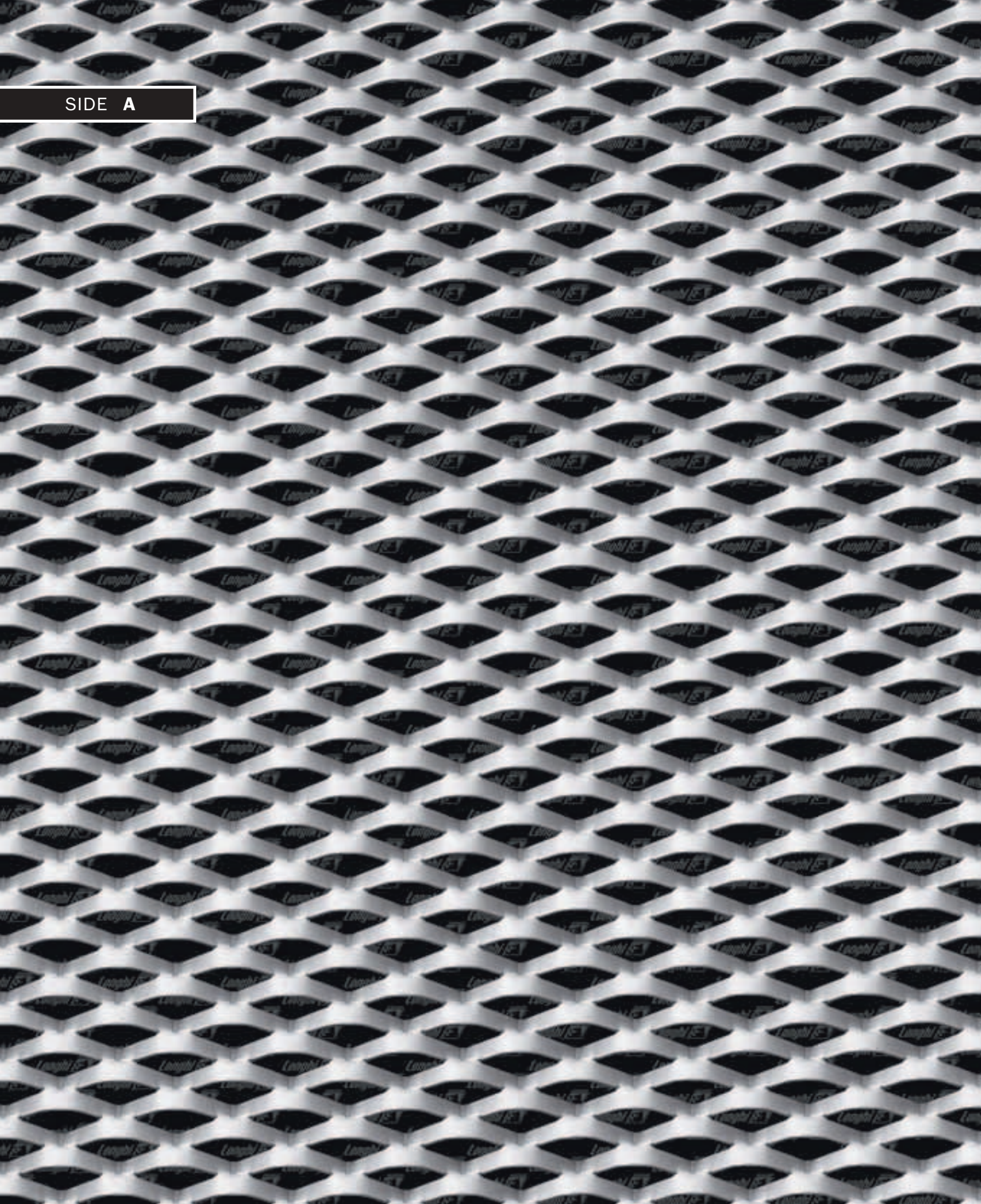
1 : 5 SCALE



| Type - LW x SW (SW actual) - w x t (mm) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|---|--------------------------------|---------------------------|--|-------------------|
| T 400 x 140 (320) - 150 x <b>2,0</b>    | 5,10                           | LW 1250 x SW 2500         | 75 (~) ◆                                       | 6,5 (~)           |
| T 400 x 140 (320) - 150 x <b>3,0</b>    | 7,60                           |                           |  |                   |

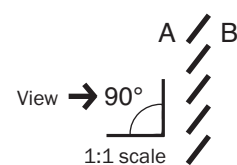
◆ Framing profiles: see page 192

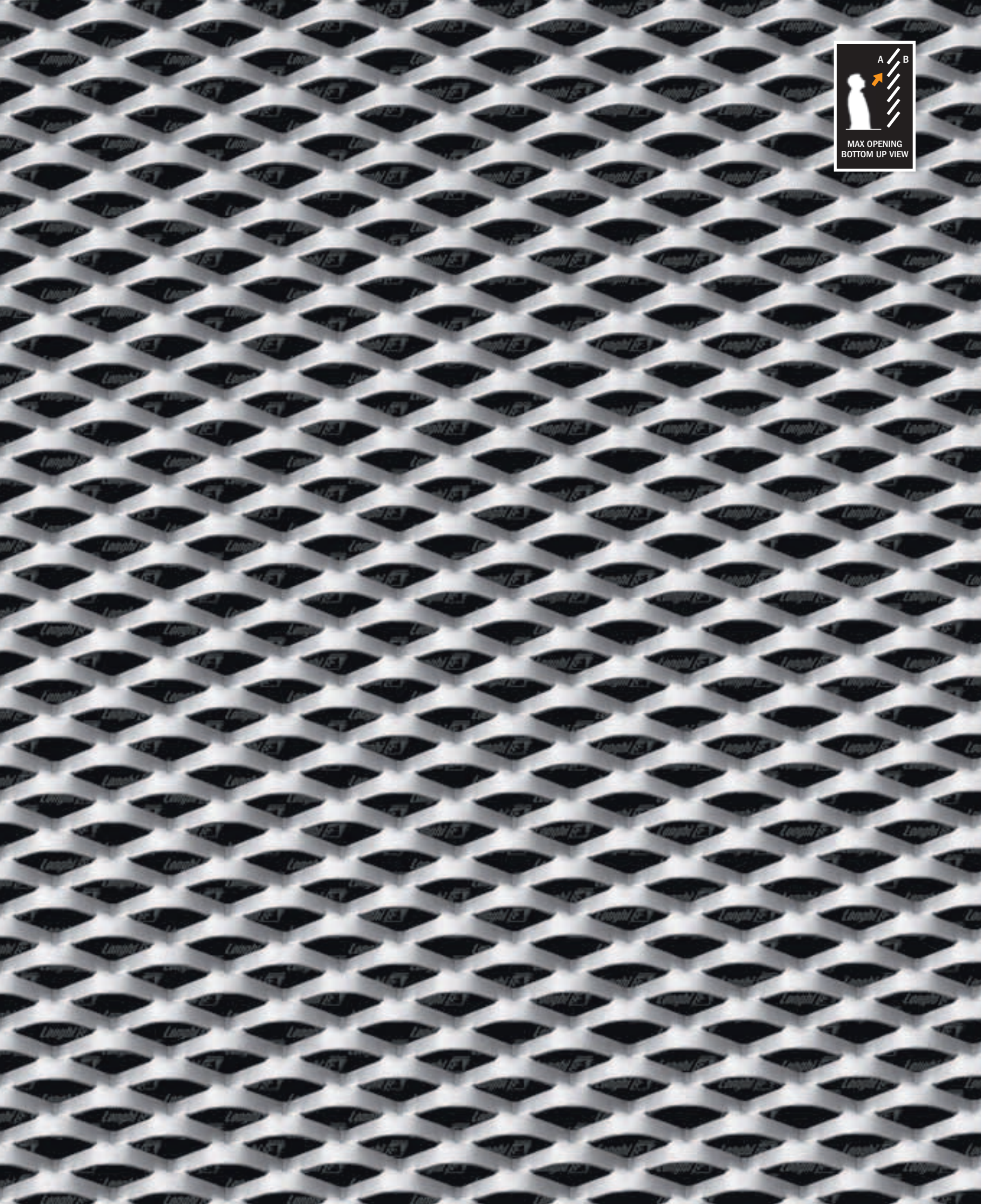
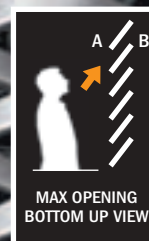
SIDE A



**RB 45**

**R 28 x 14 - 5 x t**  
|TYPE| LW | SW | w | t



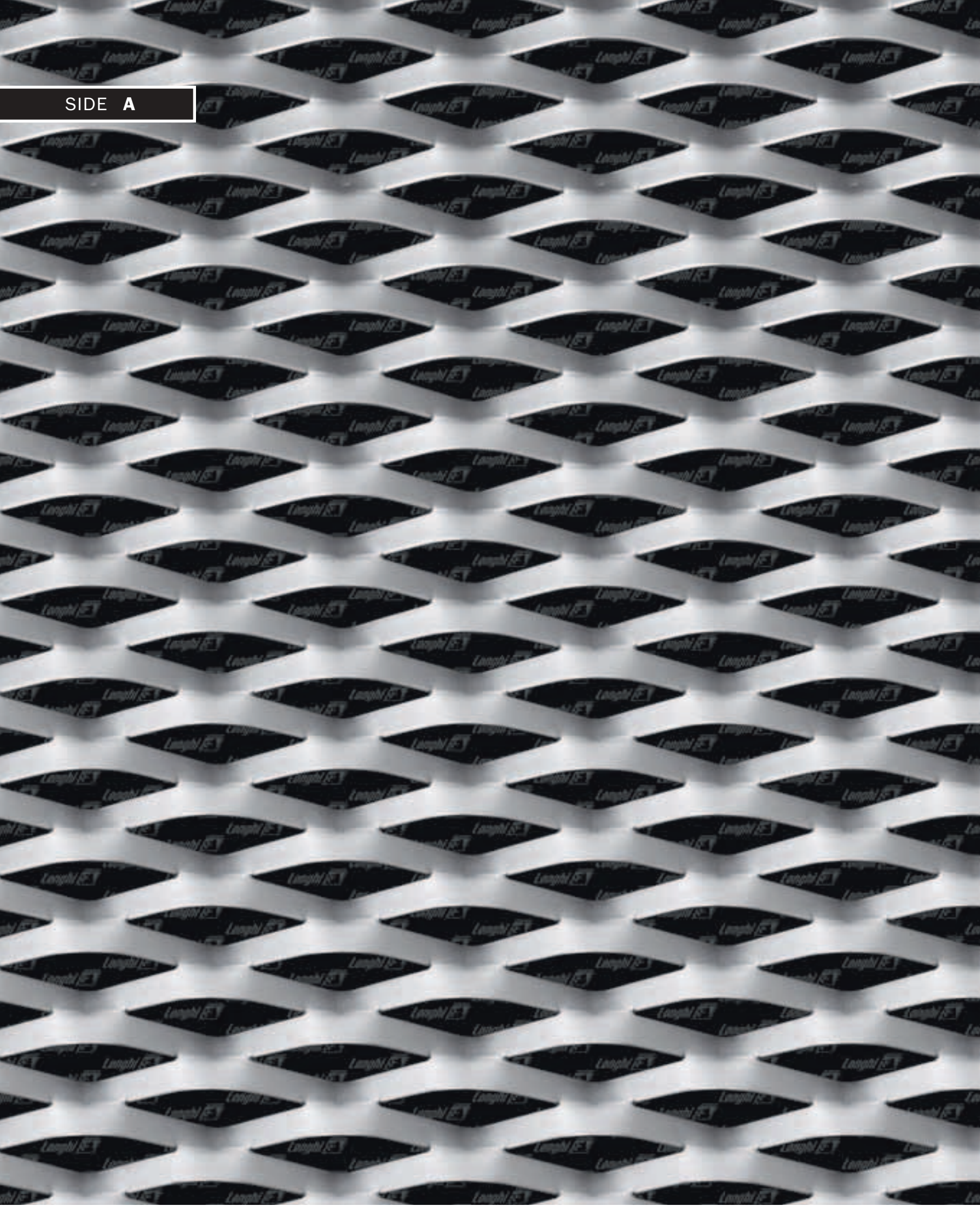


| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|-----------------------------|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| R 28 x 14 - 5 x <b>1,5</b>  | 8,40                            | 3,00                           | LW 1000 x SW 2000         | 7 (~) ◆  | 33 (~)            |
| R 28 x 14 - 5 x <b>2,0</b>  | 11,30                           | 3,90                           | LW 1250 x SW 2500         |  |                   |
|                             |                                 |                                | LW 1500 x SW 3000         |  |                   |

◆ Framing profiles: see page 193



SIDE A

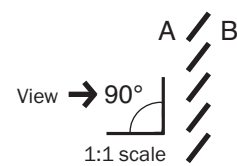


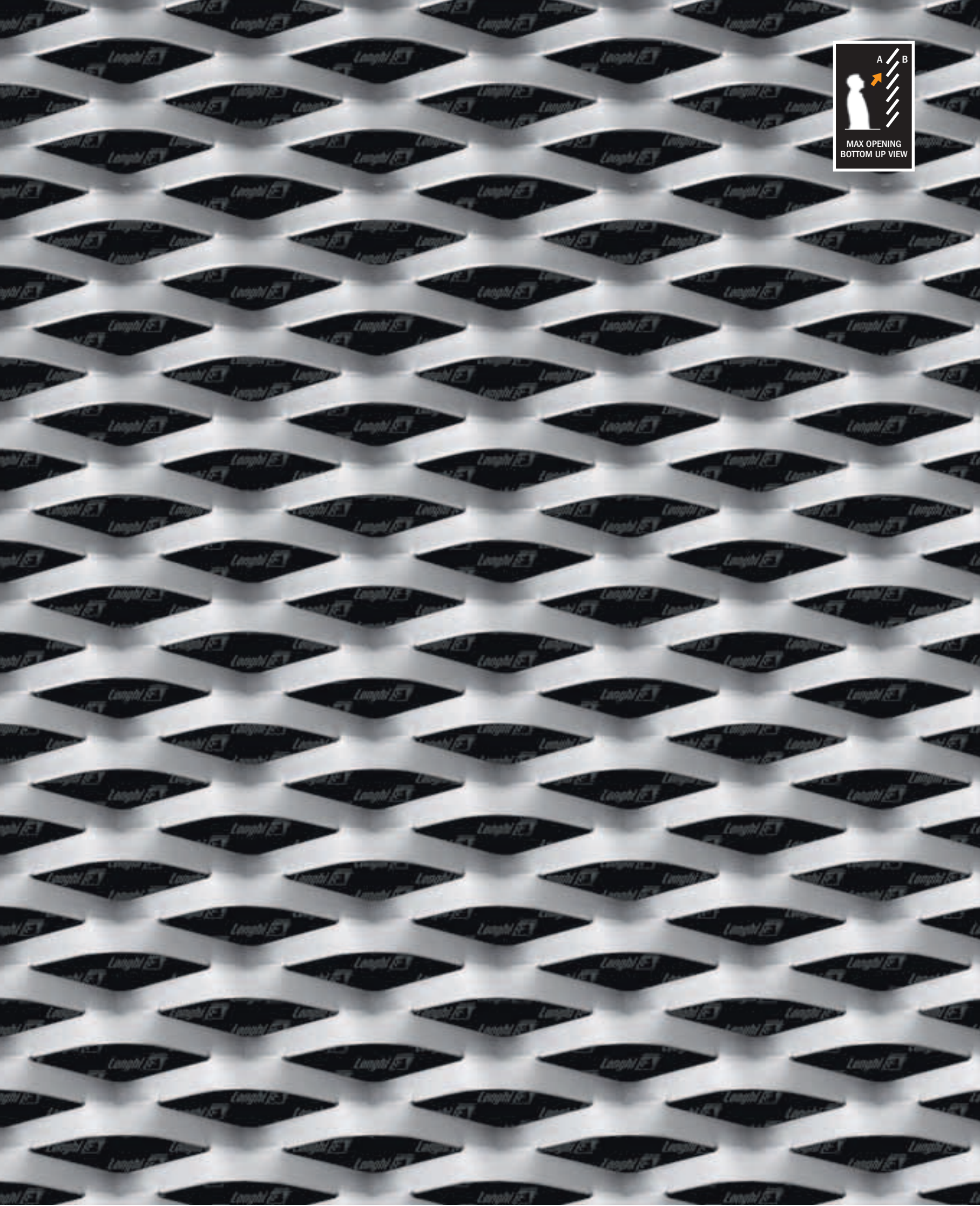
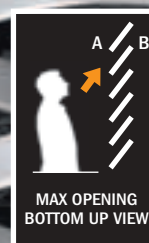
**RB 65**



**R 62 x 23 - 8 x t**

|TYPE| LW | SW | w | t





| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|-----------------------------|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| R 62 x 23 - 8 x <b>0,6</b>  | 3,35                            | 1,15                           | LW 1000 x SW 2000         | 10 (-) ◆                                       | 36 (-)            |
| R 62 x 23 - 8 x <b>1,0</b>  | 5,60                            | 1,90                           | LW 1250 x SW 2500         |  |                   |
| R 62 x 23 - 8 x <b>1,5</b>  | 8,20                            | 2,80                           | LW 1500 x SW 3000         |  |                   |

◆ Framing profiles: see page 193

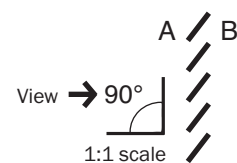
SIDE A

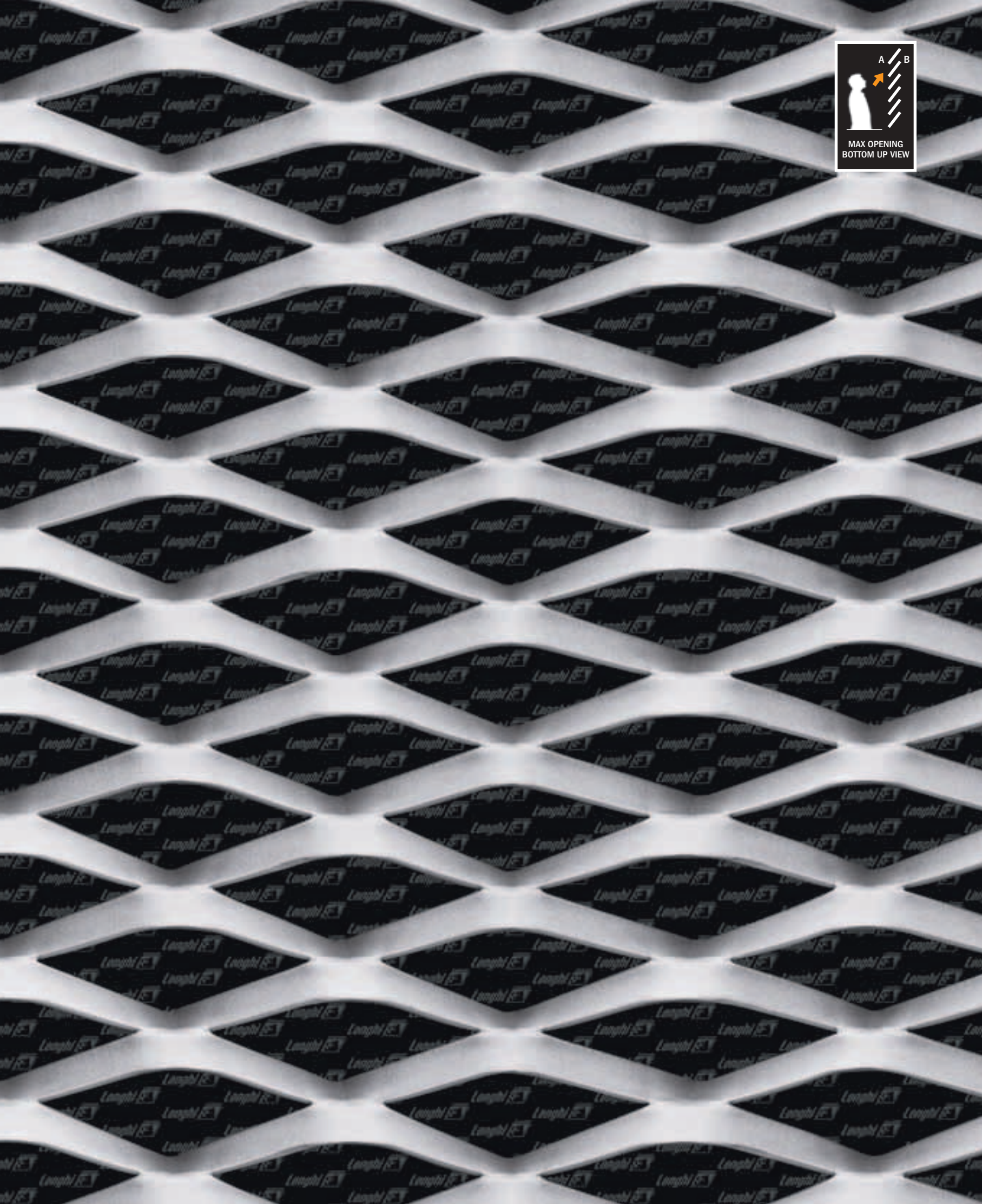
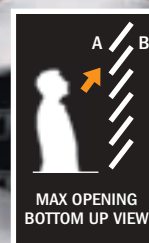
**RB 75**



**R 85 x 35 - 11 x t**

|TYPE| LW | SW | w | t





| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)              | Sheet thickness (mm)<br>measured at the centre | % front open area |
|-----------------------------|---------------------------------|--------------------------------|--|--|-------------------|
| R 85 x 35 - 11 x <b>1,5</b> | 7,40                            | 2,55                           | LW 1000 x SW 2000                      | 14 (~) ◆                                       | 48 (~)            |
| R 85 x 35 - 11 x <b>2,0</b> | 9,87                            | 3,40                           | LW 1250 x SW 2500<br>LW 1500 x SW 3000 |  |                   |

◆ Framing profiles: see page 193

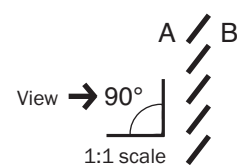
SIDE A

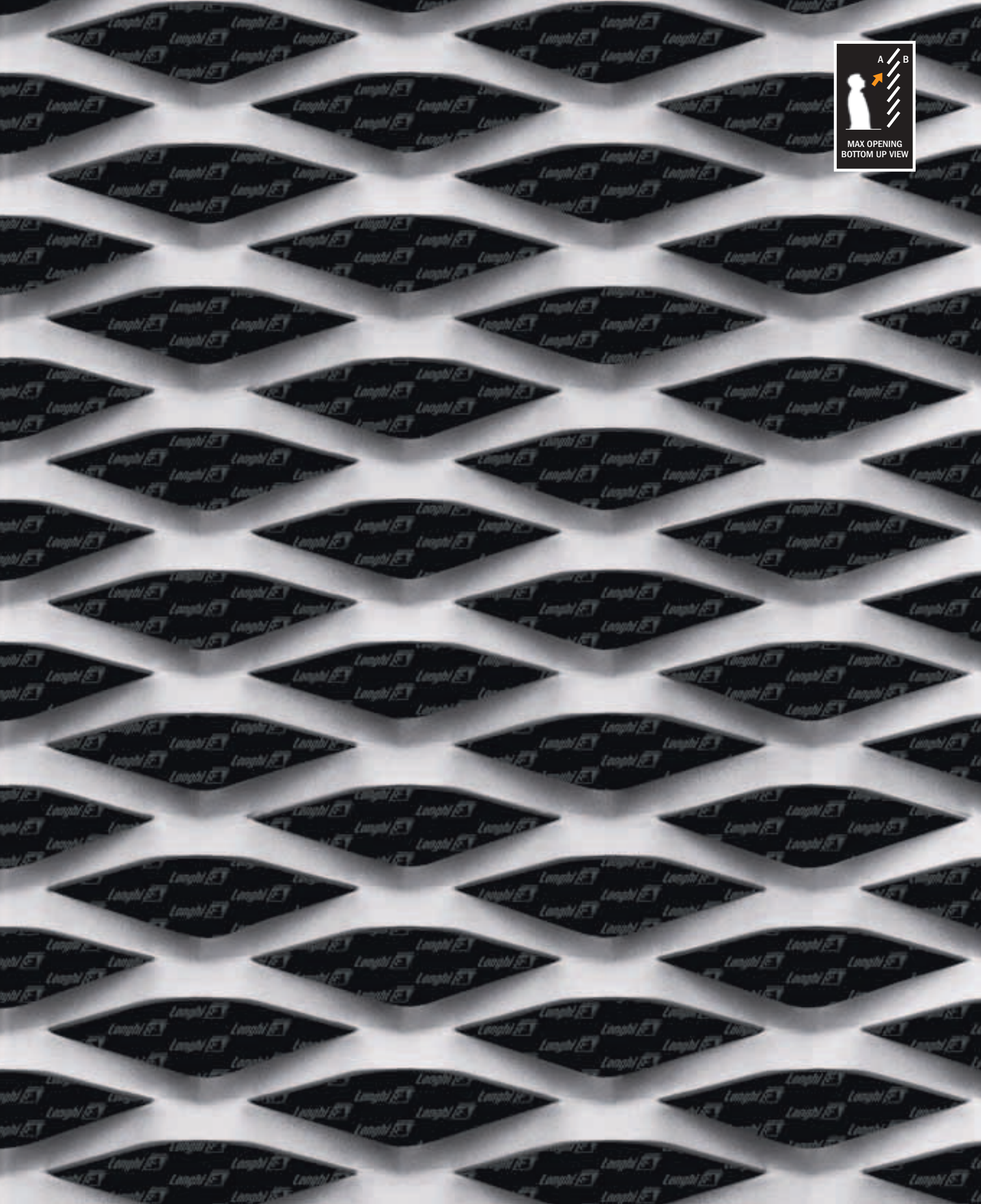
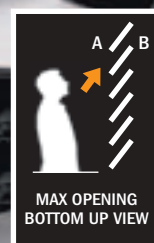
**RB 85**



**R 100 x 35 - 11 x t**

|TYPE| LW | SW | w | t





| Type - LW x SW - w x t (mm)  | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|------------------------------|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| R 100 x 35 - 11 x <b>1,5</b> | 7,55                            | 2,70                           | LW 1000 x SW 2000 on request | 15 (~) ◆                                       | 45 (~)            |
| R 100 x 35 - 11 x <b>2,0</b> | 10,10                           | 3,50                           | LW 1250 x SW 2500 on request |  |                   |
|                              |                                 |                                | LW 1500 x SW 3000 on request |  |                   |

◆ Framing profiles: see page 193

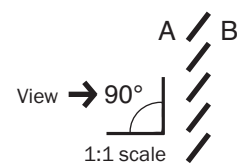
SIDE A

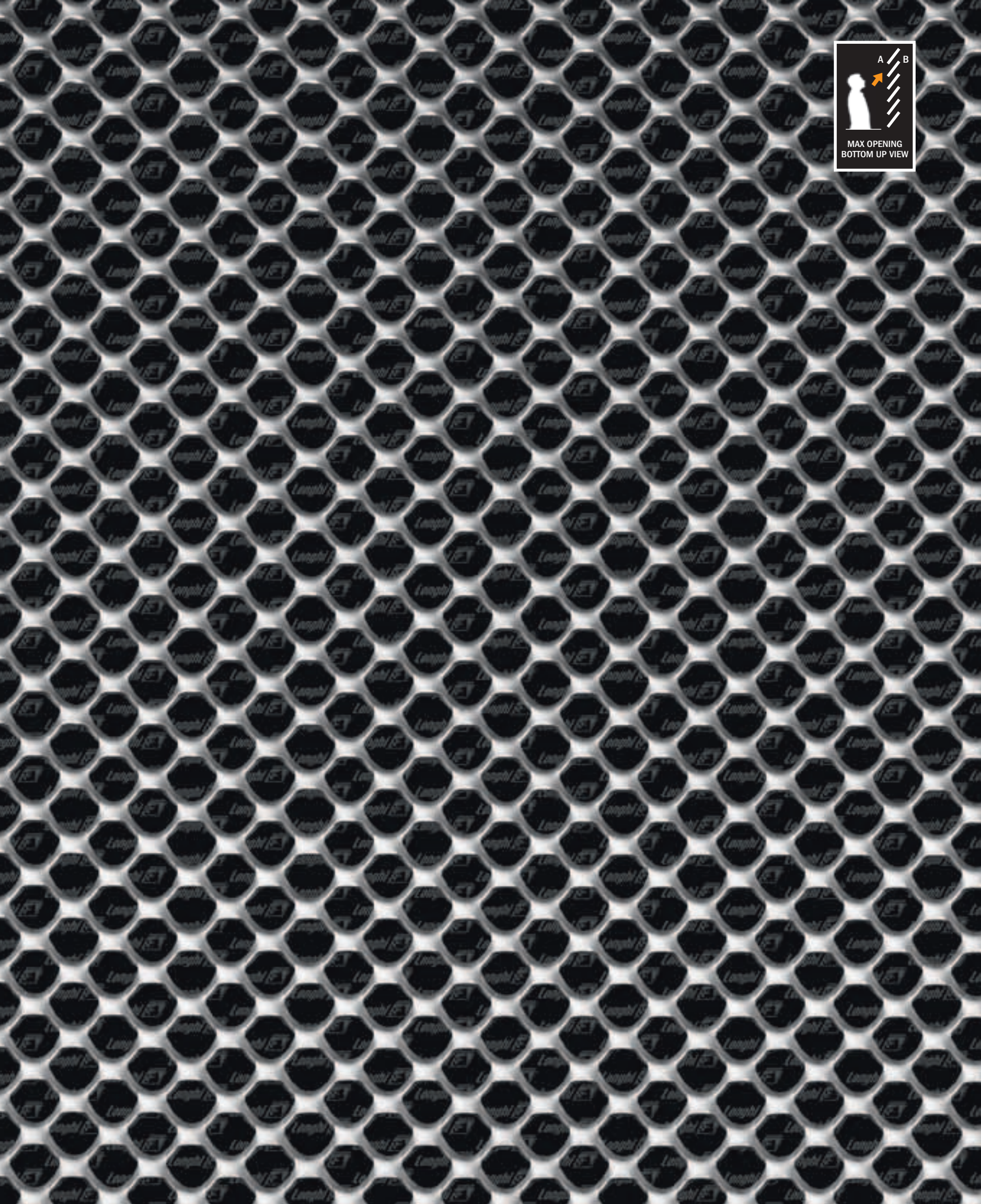
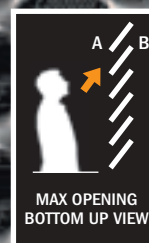
**TAU 40**



**T 20 - 3,25 x t - Ø10**

|TYPE| LW | w | t | inscribed diameter hole



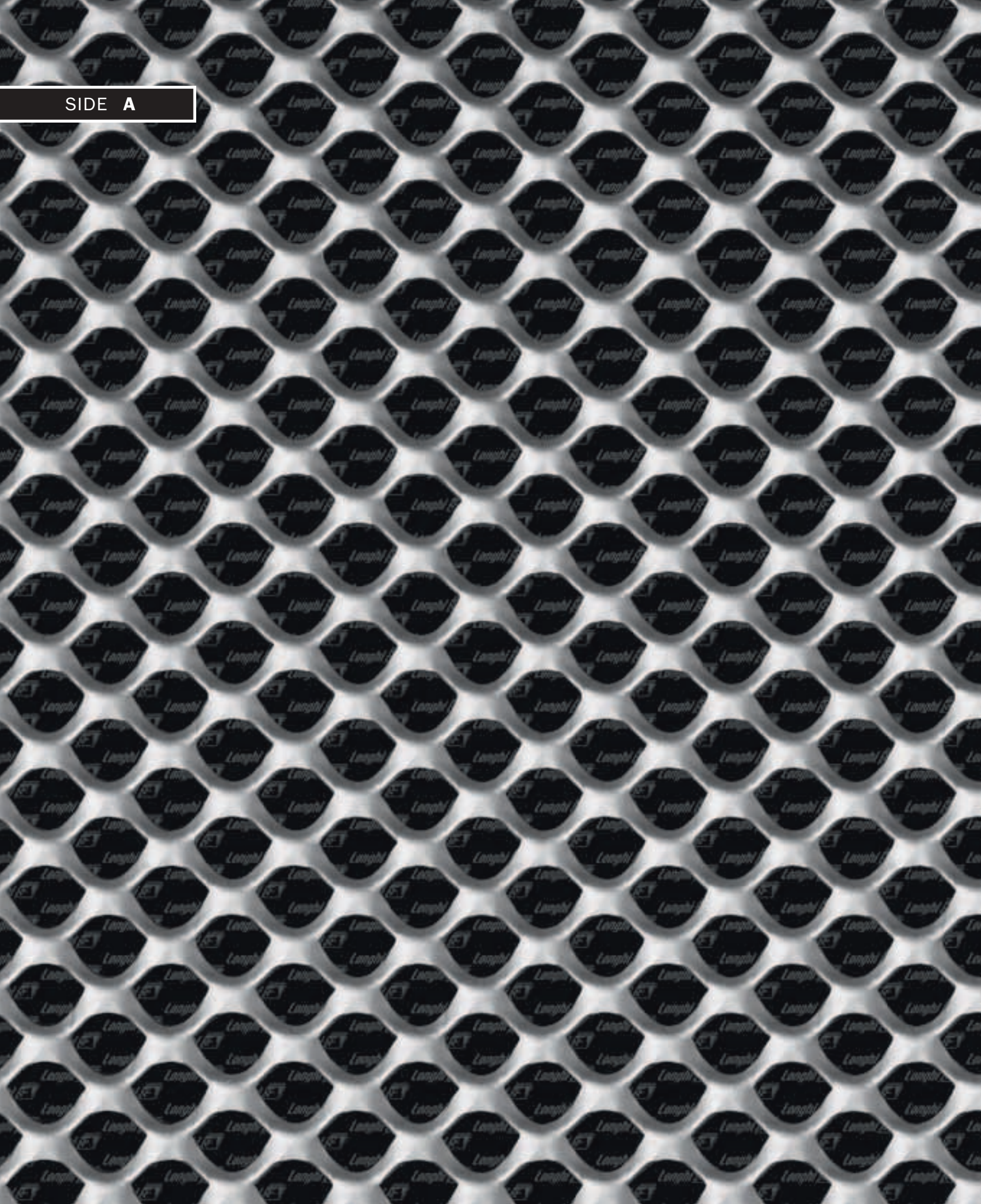


| Type - LW - w x t - Ø (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|----------------------------|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| T 20 - 3,25 x 1,5 - Ø10    | 5,40                            | 1,95                           | LW 1000 x SW 2000         | 5 (~) ◆  | 57 (~)            |
| T 20 - 3,25 x 2,0 - Ø10    | 7,10                            | 2,50                           | LW 1250 x SW 2500         |  |                   |
|                            |                                 |                                | LW 1500 x SW 3000         |  |                   |

◆ Framing profiles: see page 193



SIDE A

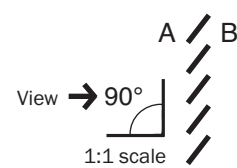


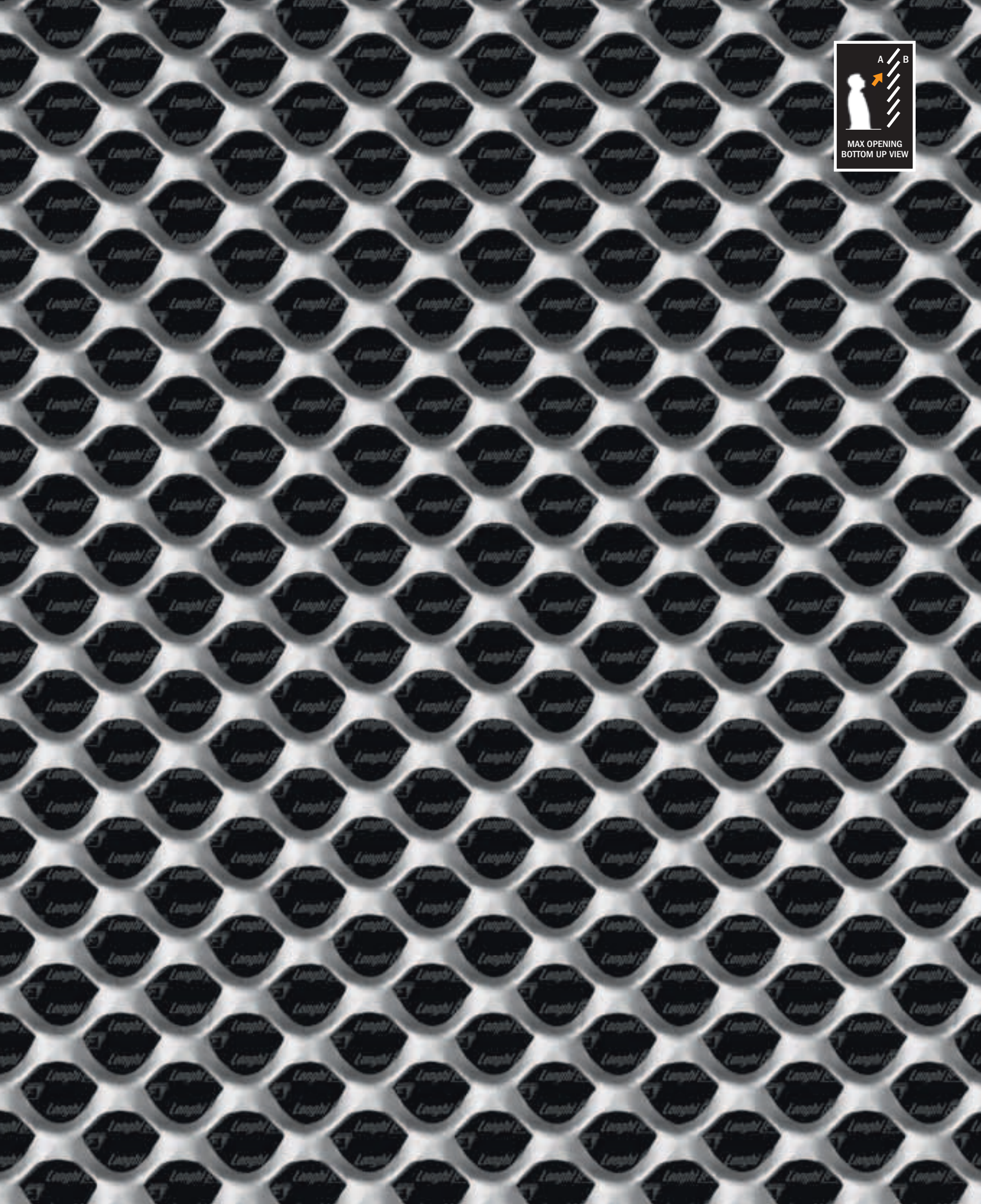
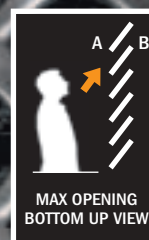
**TAU 60**



**T 30 - 6 x t - Ø15**

|TYPE| LW | w | t | inscribed diameter hole





| Type - LW - w x t - Ø (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                           | Sheet thickness (mm)              | % front open area |
|----------------------------|---------------------------------|--------------------------------|---|-----------------------------------|-------------------|
| T 30 - 6 x 2,0 - Ø15       | 8,40                            | 2,80                           | MS/t 2 LW 1000 x SW 2000 AL/t 2/3 LW 1000 x SW 2000 | measured at the centre<br>6 (-) ◆ | 51 (-)            |
| T 30 - 6 x 3,0 - Ø15       | 11,50                           | 3,65                           | MS/t 2 LW 1250 x SW 2500 AL/t 2/3 LW 1250 x SW 2500 |                                   |                   |
|                            |                                 |                                | MS/t 3 LW 1000 x SW 2000 AL/t 2/3 LW 1500 x SW 3000 |                                   |                   |

MS = Mild Steel - AL = Aluminium

◆ Framing profiles: see page 193

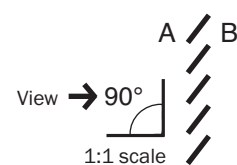
SIDE A

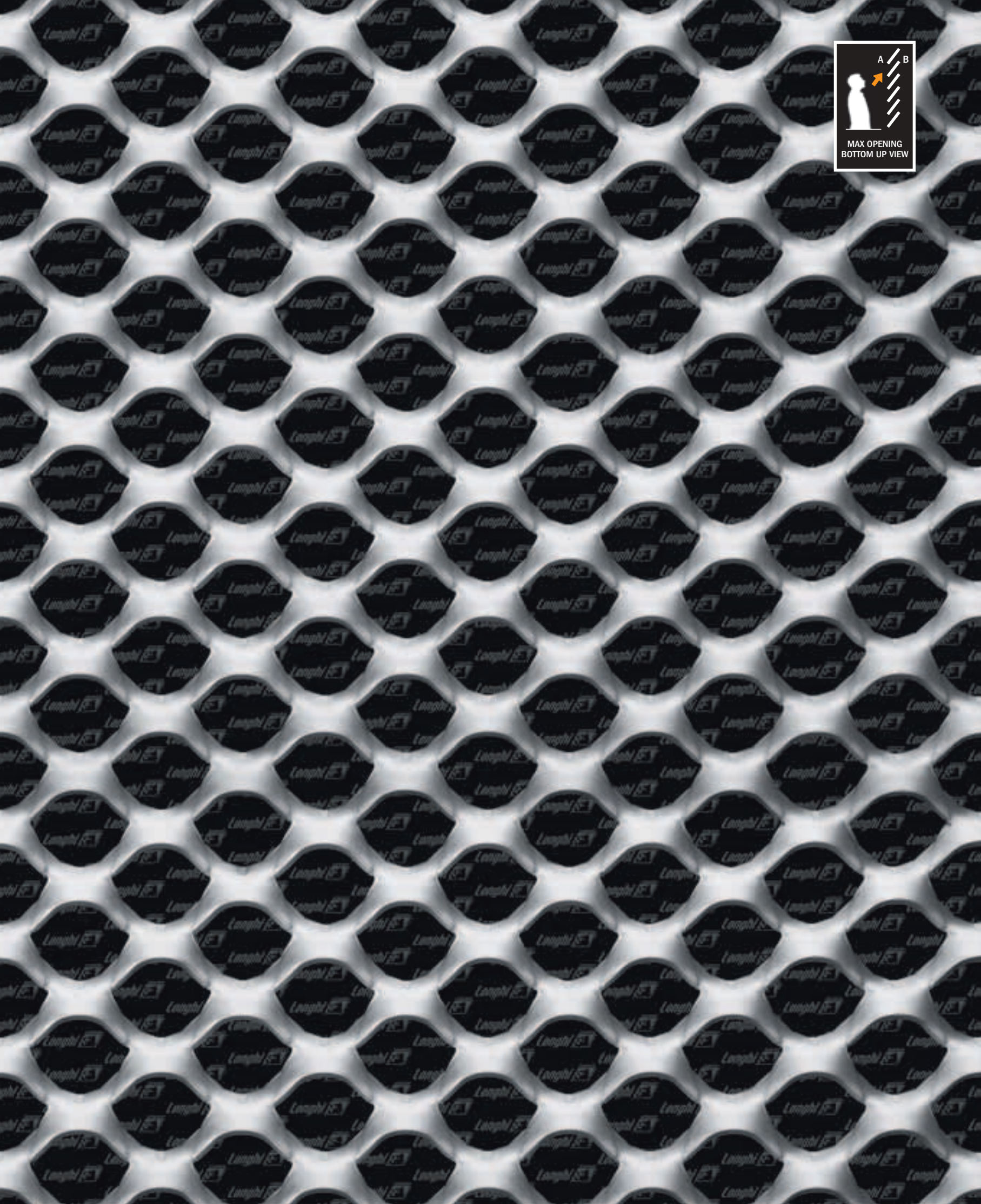
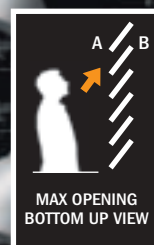
**TAU 70**



**T 40 - 6,5 x t - Ø20**

|TYPE| LW | w | t | inscribed diameter hole





| Type - LW - w x t - Ø (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                                  | Sheet thickness (mm)               | % front open area |
|----------------------------|---------------------------------|--------------------------------|--|------------------------------------|-------------------|
| T 40 - 6,5 x 1,5 - Ø20     | 6,20                            | /                              | MS/t 1,5/2 LW 1000 x SW 2000<br>AL/t 2/3 LW 1000 x SW 2000 | measured at the centre<br>10 (~) ◆ | 52 (~)            |
| T 40 - 6,5 x 2,0 - Ø20     | 8,30                            | 2,55                           | MS/t 1,5/2 LW 1250 x SW 2500<br>AL/t 2/3 LW 1250 x SW 2500 |                                    |                   |
| T 40 - 6,5 x 3,0 - Ø20     | /                               | 3,80                           | AL/t 2/3 LW 1500 x SW 3000                                 |                                    |                   |

MS = Mild Steel - AL = Aluminium

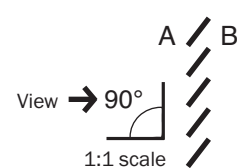
◆ Framing profiles: see page 193

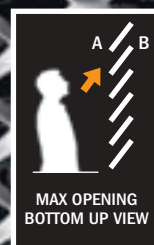
SIDE A

**KD 400**



**Q 16 x 11 - 3 x t**  
|TYPE| LW | SW | w | t

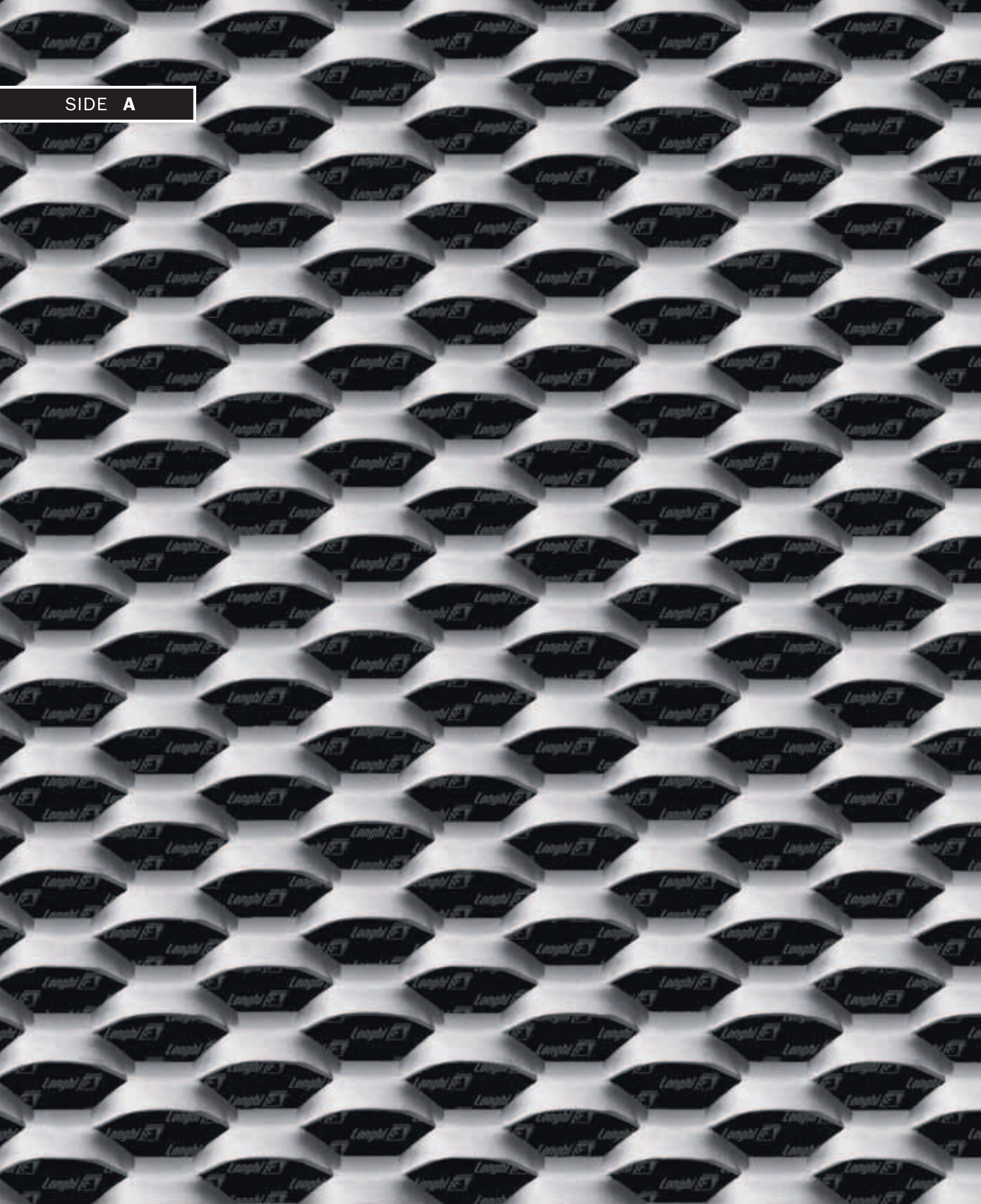




| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)       | Sheet thickness (mm)<br>measured at the centre | % front open area |
|-----------------------------|---------------------------------|--------------------------------|---------------------------------|--|-------------------|
| Q 16 x 11 - 3 x <b>1,5</b>  | 6,40                            | 2,25                           | <b>LW</b> 1000 x <b>SW</b> 2000 | 4 (~) ◆  | 46 (~)            |
| Q 16 x 11 - 3 x <b>2,0</b>  | 8,60                            | 3,00                           | <b>LW</b> 1250 x <b>SW</b> 2500 |  |                   |
|                             |                                 |                                | <b>LW</b> 1500 x <b>SW</b> 3000 |  |                   |

◆ Framing profiles: see page 193

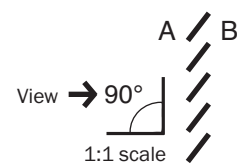
SIDE A

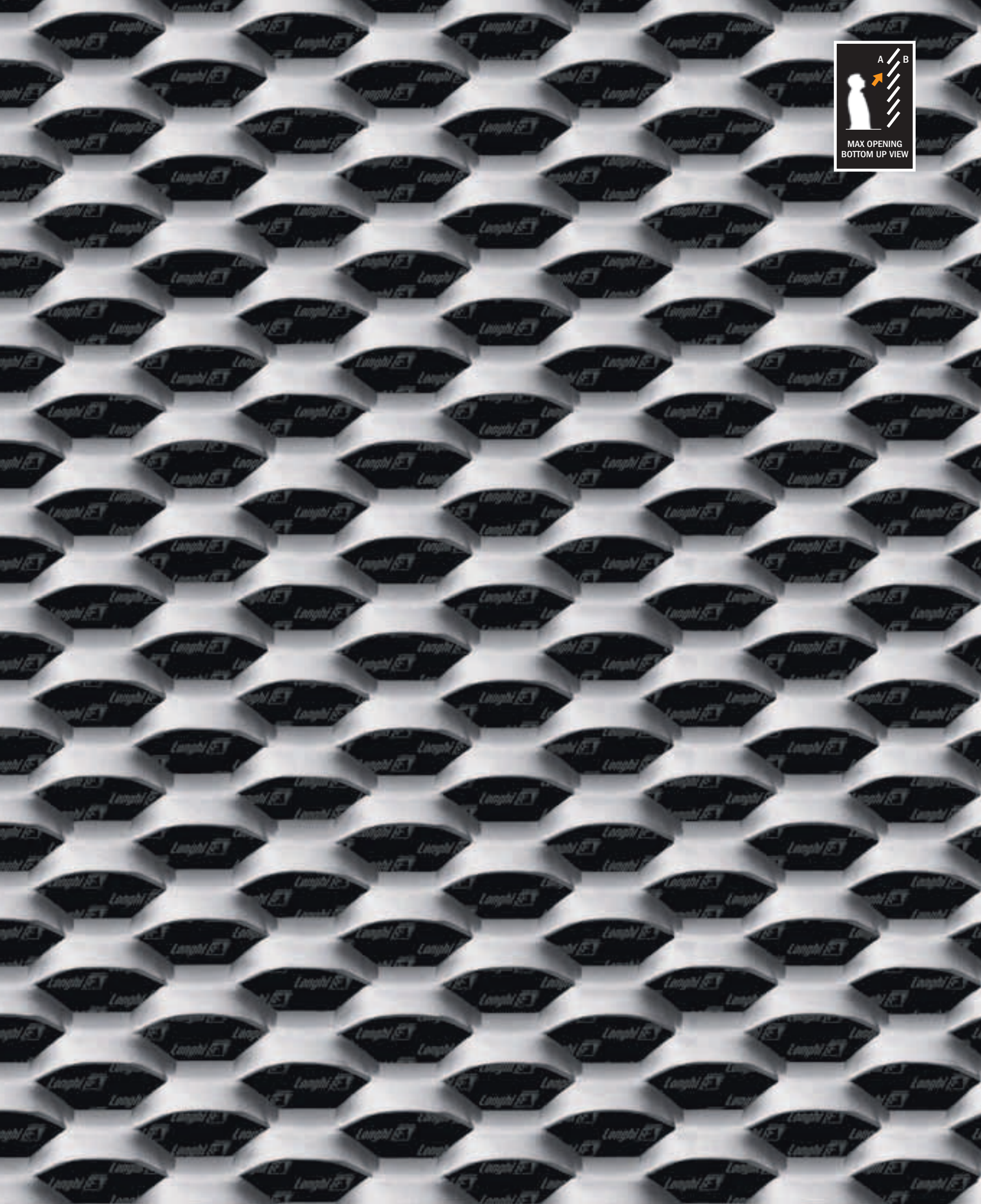
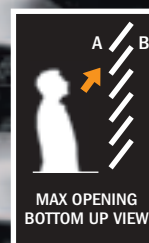


**Exa 05**

**E 50 x 23 - 8 x t**

|TYPE| LW | SW | w | t



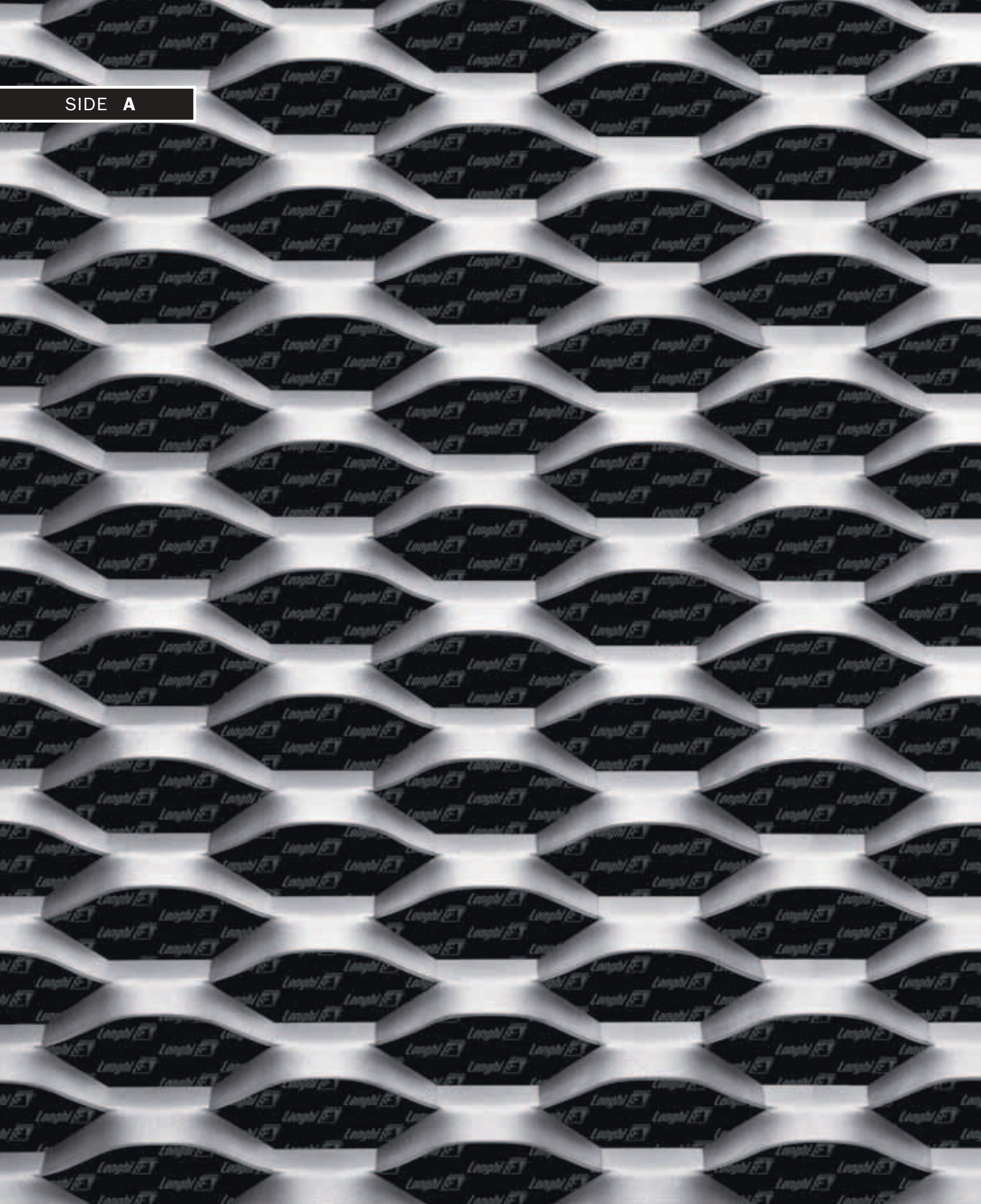


| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)    | Sheet thickness (mm)<br>measured at the centre | % front open area |
|-----------------------------|---------------------------------|--------------------------------|------------------------------|--|-------------------|
| E 50 x 23 - 8 x <b>1,5</b>  | 8,20                            | 2,85                           | LW 1000 x SW 2000 on request | 10 (-) ◆                                       | 43 (-)            |
| E 50 x 23 - 8 x <b>2,0</b>  | 10,95                           | 3,75                           | LW 1250 x SW 2500 on request |  |                   |
|                             |                                 |                                | LW 1500 x SW 3000 on request |  |                   |

◆ Framing profiles: see page 193



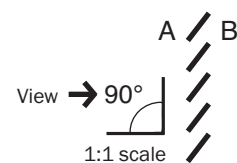
SIDE A

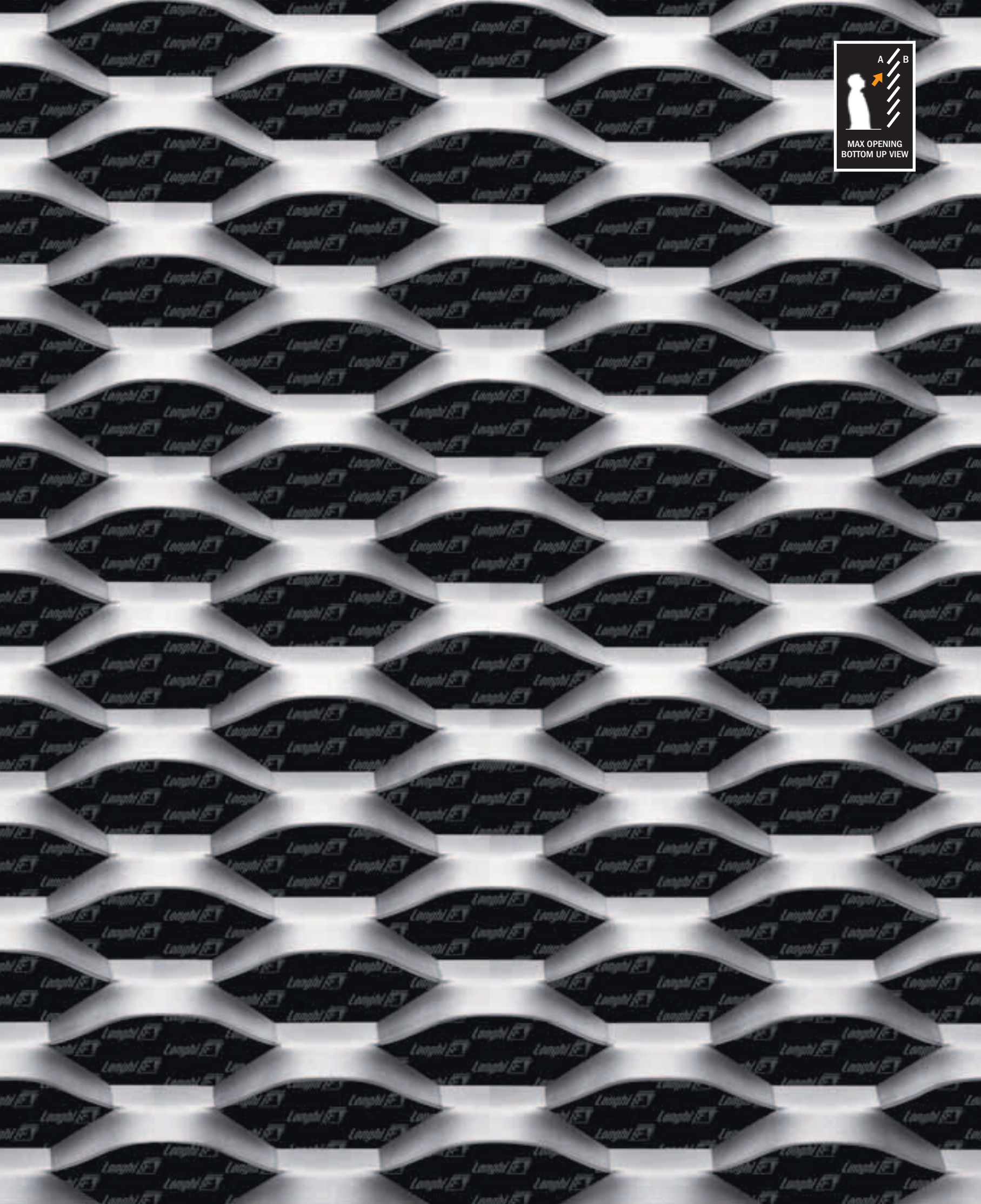
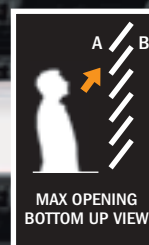


**Exa 12**

**E 80 x 30 - 9 x t**

|TYPE| LW | SW | w | t





| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)              | Sheet thickness (mm)<br>measured at the centre | % front open area |
|-----------------------------|---------------------------------|--------------------------------|--|--|-------------------|
| E 80 x 30 - 9 x <b>1,5</b>  | 7,10                            | 2,50                           | LW 1000 x SW 2000                      | 12 (~) ◆                                       | 54 (~)            |
| E 80 x 30 - 9 x <b>2,0</b>  | 9,50                            | 3,30                           | LW 1250 x SW 2500<br>LW 1500 x SW 3000 |  |                   |

◆ Framing profiles: see page 193

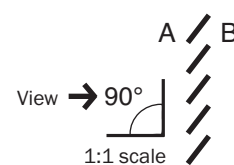
SIDE A

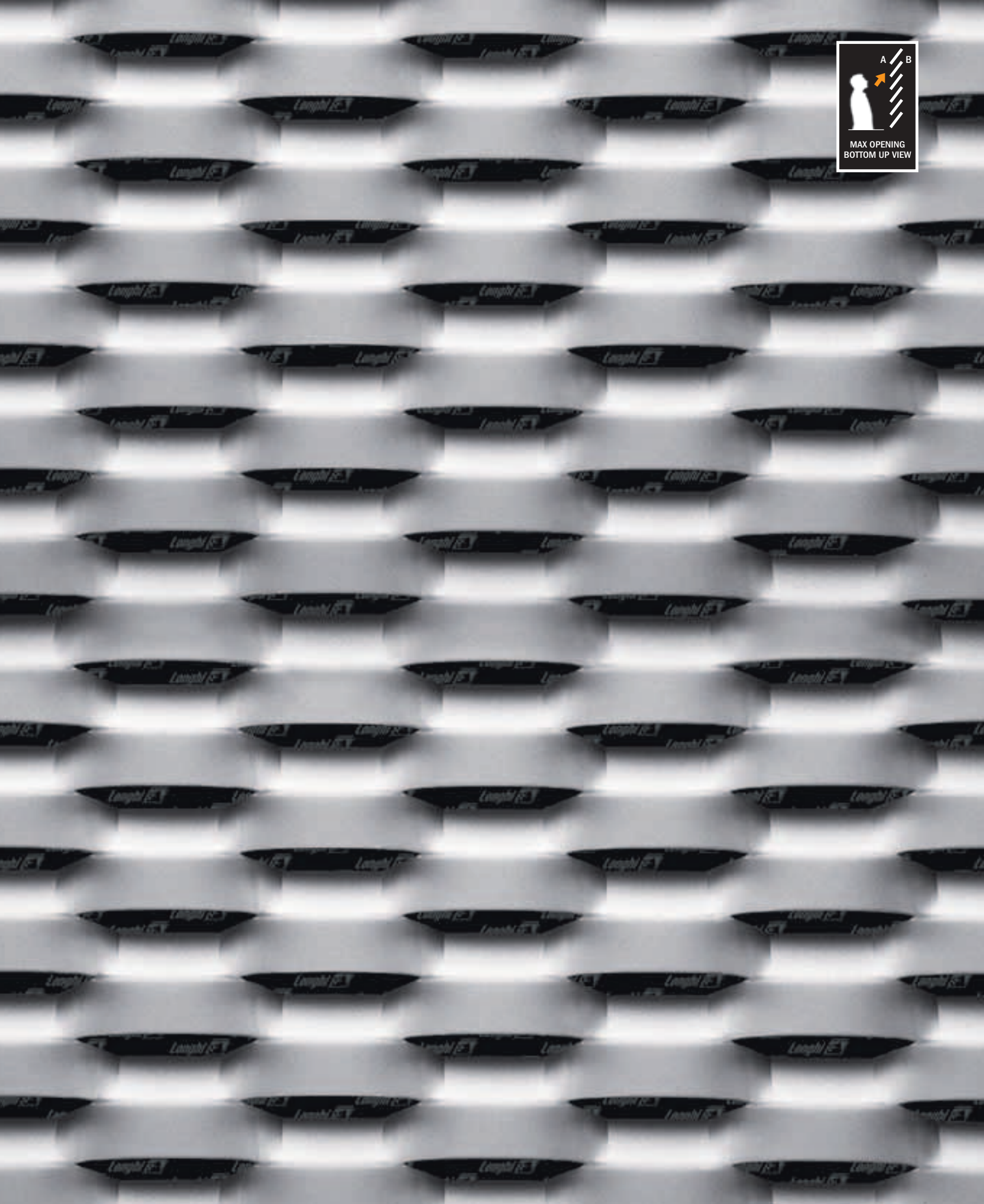
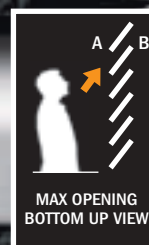
# Exa 16



E 80 x 30 - 13 x t

|TYPE| LW | SW | w | t





| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|-----------------------------|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| E 80 x 30 - 13 x <b>1,5</b> | 10,20                           | 3,60                           | <b>LW 1000 x SW 2000</b>  | 11 (~) ◆                                       | 15 (~)            |
| E 80 x 30 - 13 x <b>2,0</b> | 13,70                           | 4,70                           | <b>LW 1250 x SW 2500</b>  |  |                   |
|                             |                                 |                                | <b>LW 1500 x SW 3000</b>  |  |                   |

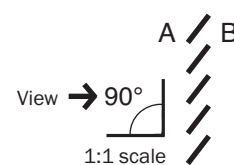
◆ Framing profiles: see page 193

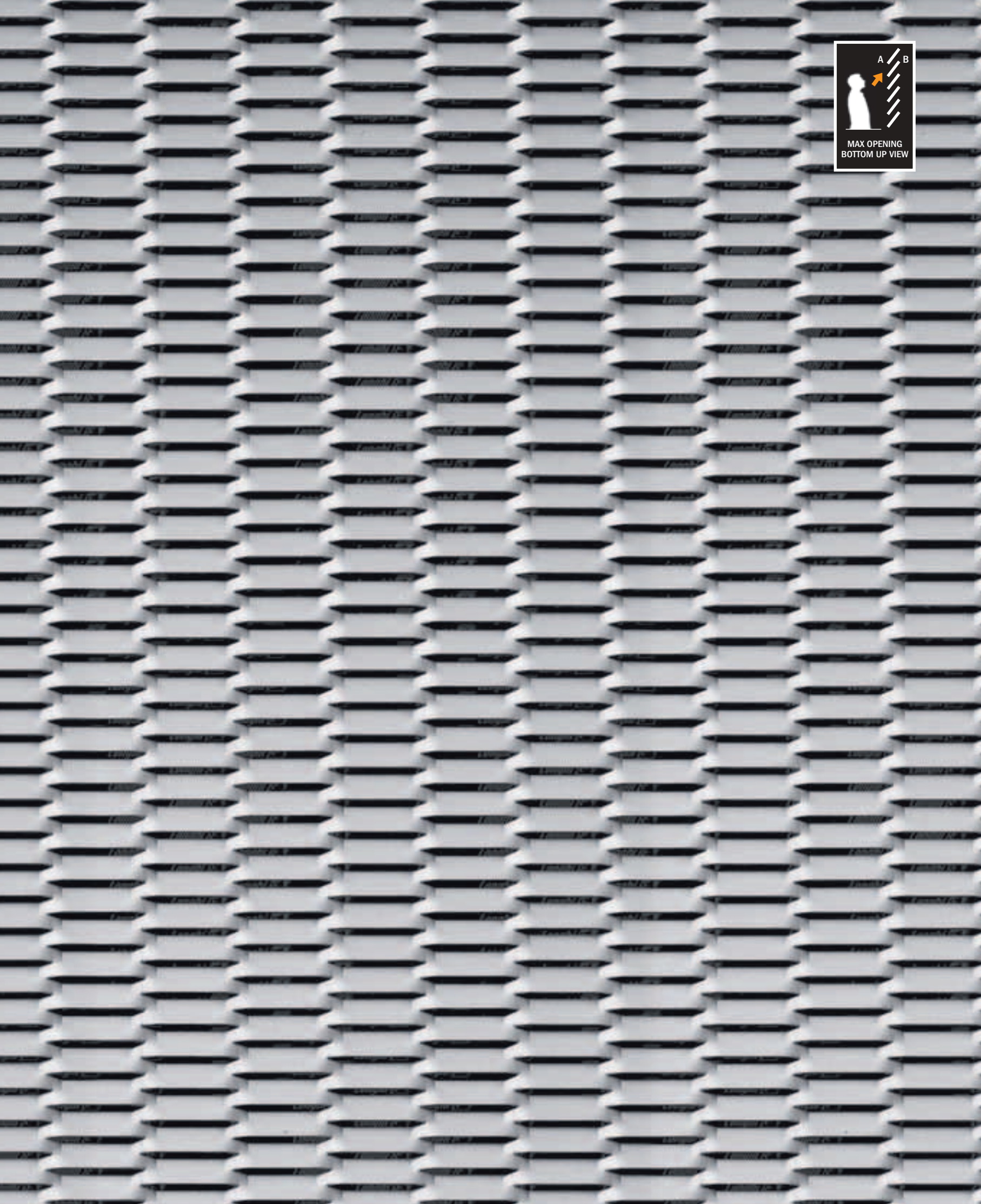
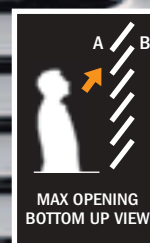
SIDE A

**Deco 91**



**E 45 x 8 - 3,5 x t**  
|TYPE | LW | SW | lw | t

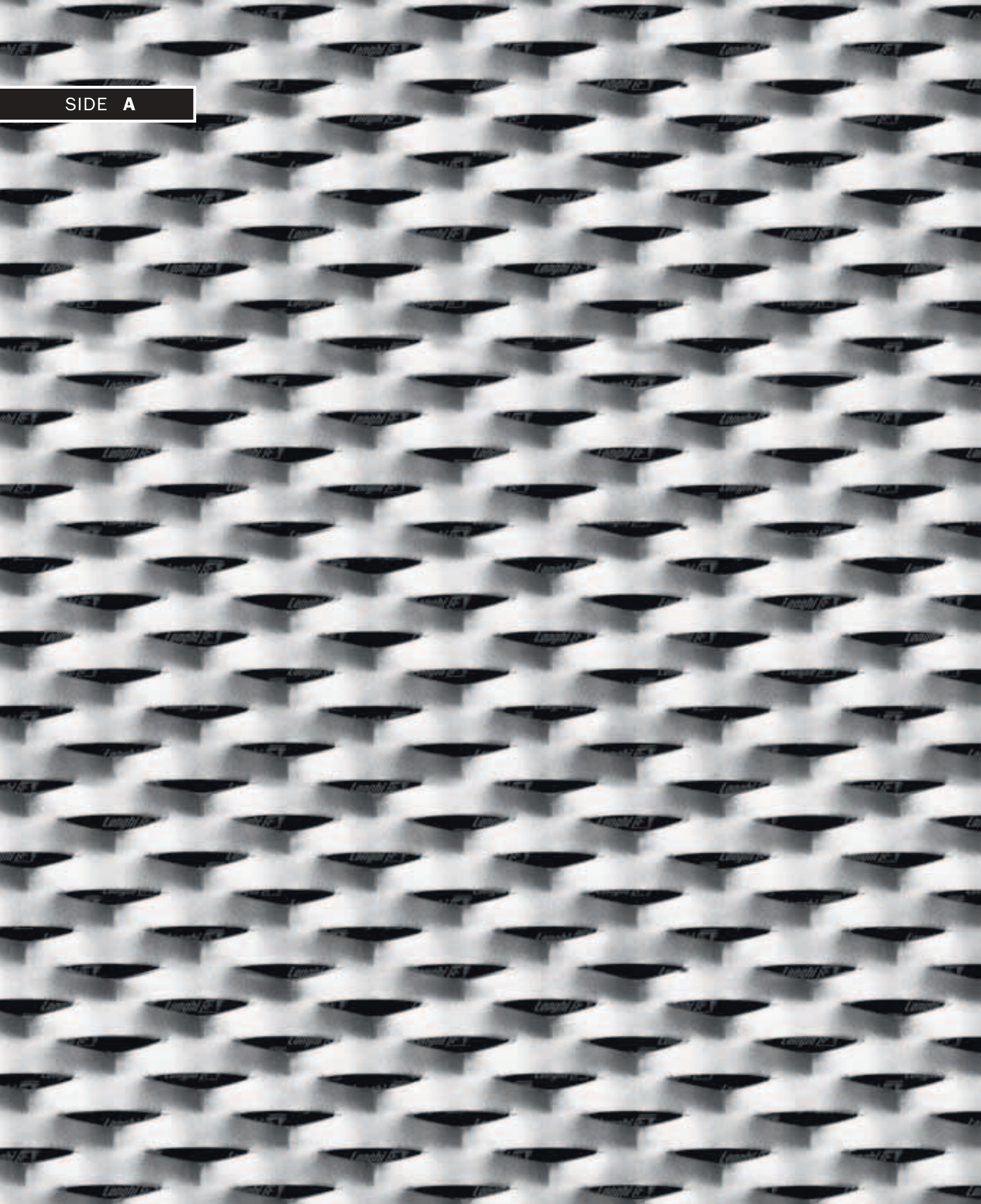




| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm) | Sheet thickness (mm)<br>measured at the centre | % front open area |
|-----------------------------|---------------------------------|--------------------------------|---------------------------|--|-------------------|
| E 45 x 8 - 3,5 x <b>1,0</b> | 6,80                            | 2,40                           | LW 1000 x SW 2000         | 4 (~) ◆  | 23 (~)            |
| E 45 x 8 - 3,5 x <b>1,5</b> | 10,00                           | 3,30                           | LW 1250 x SW 2500         |  |                   |
|                             |                                 |                                | LW 1500 x SW 3000         |  |                   |

◆ Framing profiles: see page

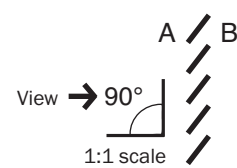
SIDE A

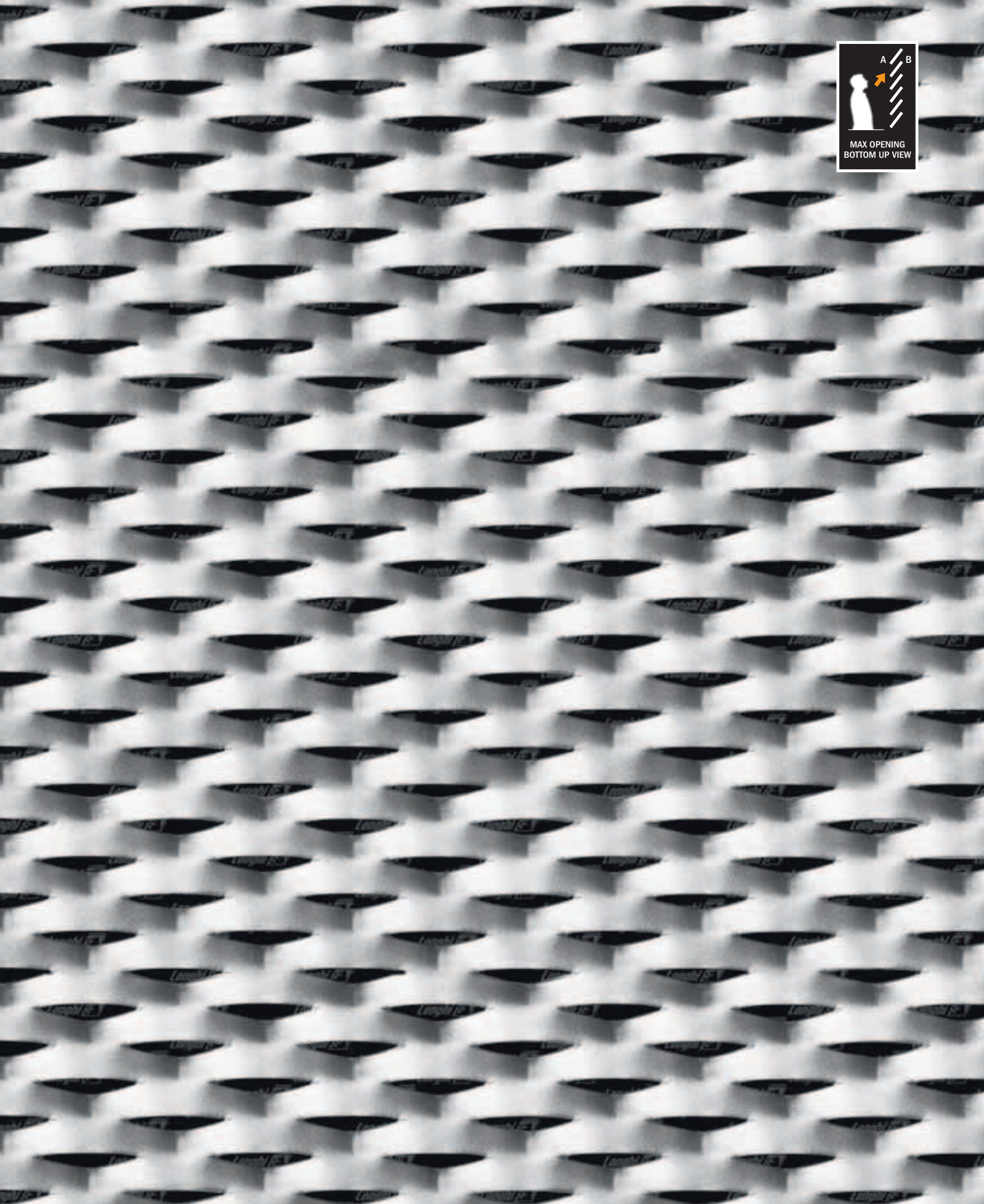
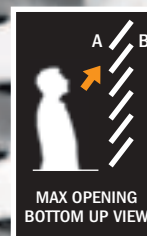


**Terrace**

**R 43 x 18 - 8 x t**

|TYPE| LW | SW | w | t





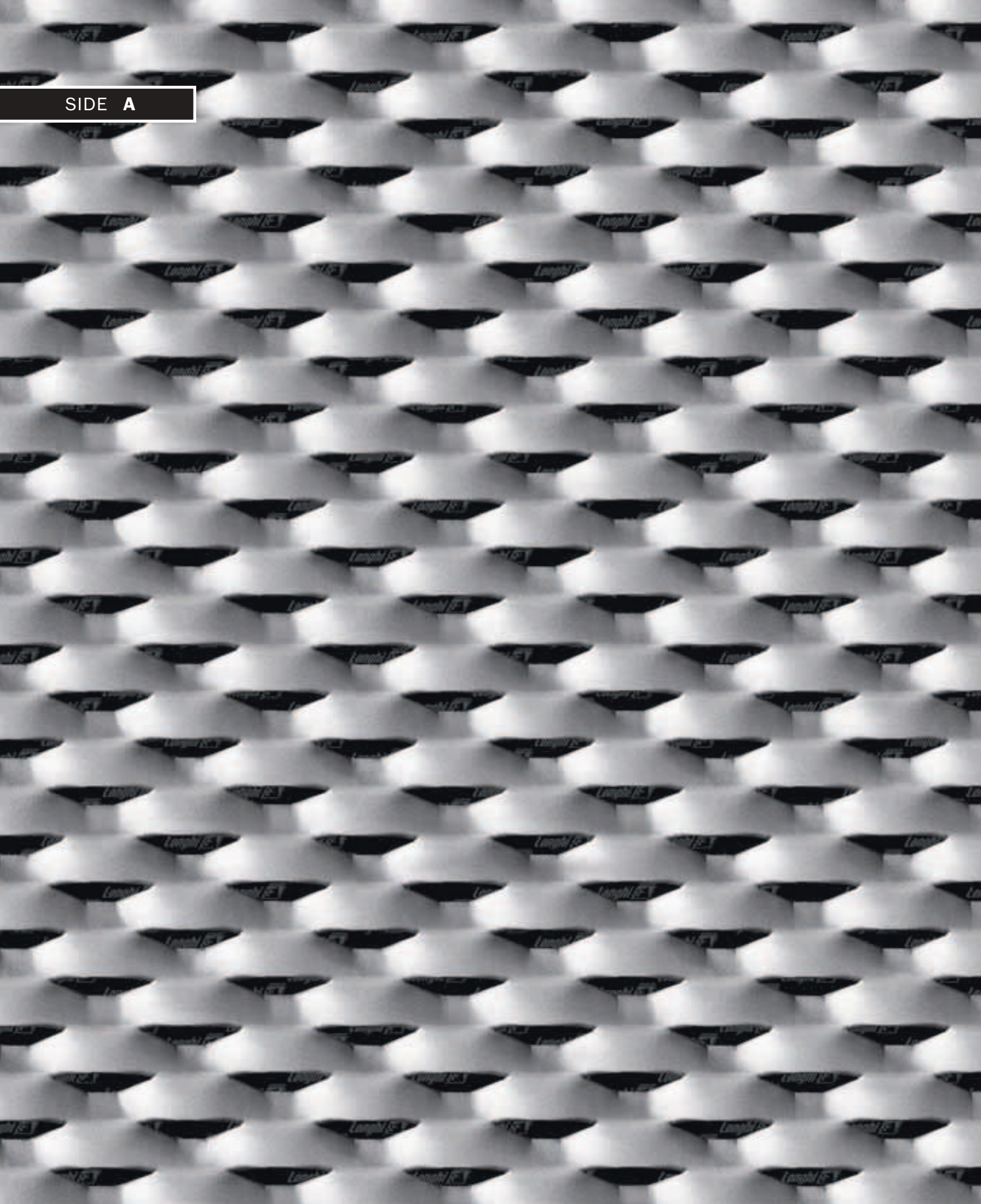
| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)  |                              | Sheet thickness (mm)              | % front open area |
|-----------------------------|---------------------------------|--------------------------------|----------------------------|------------------------------|-----------------------------------|-------------------|
| R 43 x 18 - 8 x <b>1,5</b>  | 10,50                           | 3,60                           | MS/t 1,5 LW 1000 x SW 2000 | MS/t 2 LW 1250 x SW 2500     | measured at the centre<br>6 (-) ◆ | 14 (~)            |
| R 43 x 18 - 8 x <b>2,0</b>  | 14,00                           | 4,60                           | MS/t 1,5 LW 1250 x SW 2500 | AL/t 1,5/2 LW 1000 x SW 2000 |                                   |                   |
|                             |                                 |                                | MS/t 1,5 LW 1500 x SW 3000 | AL/t 1,5/2 LW 1250 x SW 2500 |                                   |                   |
|                             |                                 |                                | MS/t 2 LW 1000 x SW 2000   | AL/t 1,5/2 LW 1500 x SW 3000 |                                   |                   |
|                             |                                 |                                |                            |                              |                                   |                   |

MS = Mild Steel - AL = Aluminium

◆ Framing profiles: see page 193



SIDE A

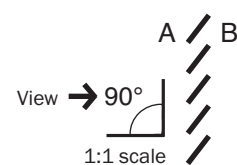


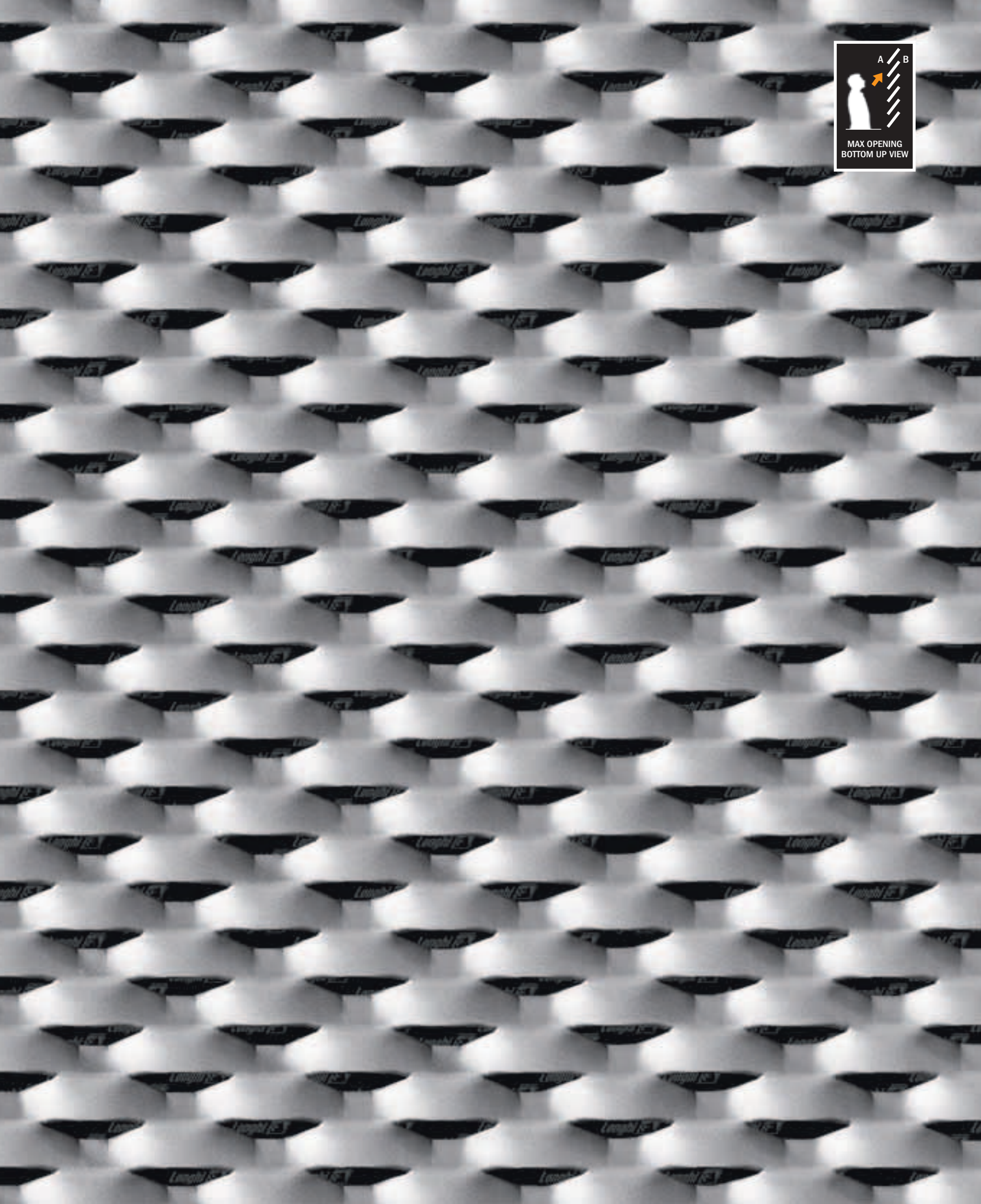
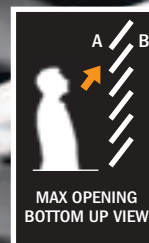
**Village**



**R 43 x 23 - 10 x t**

|TYPE| LW | SW | w | t



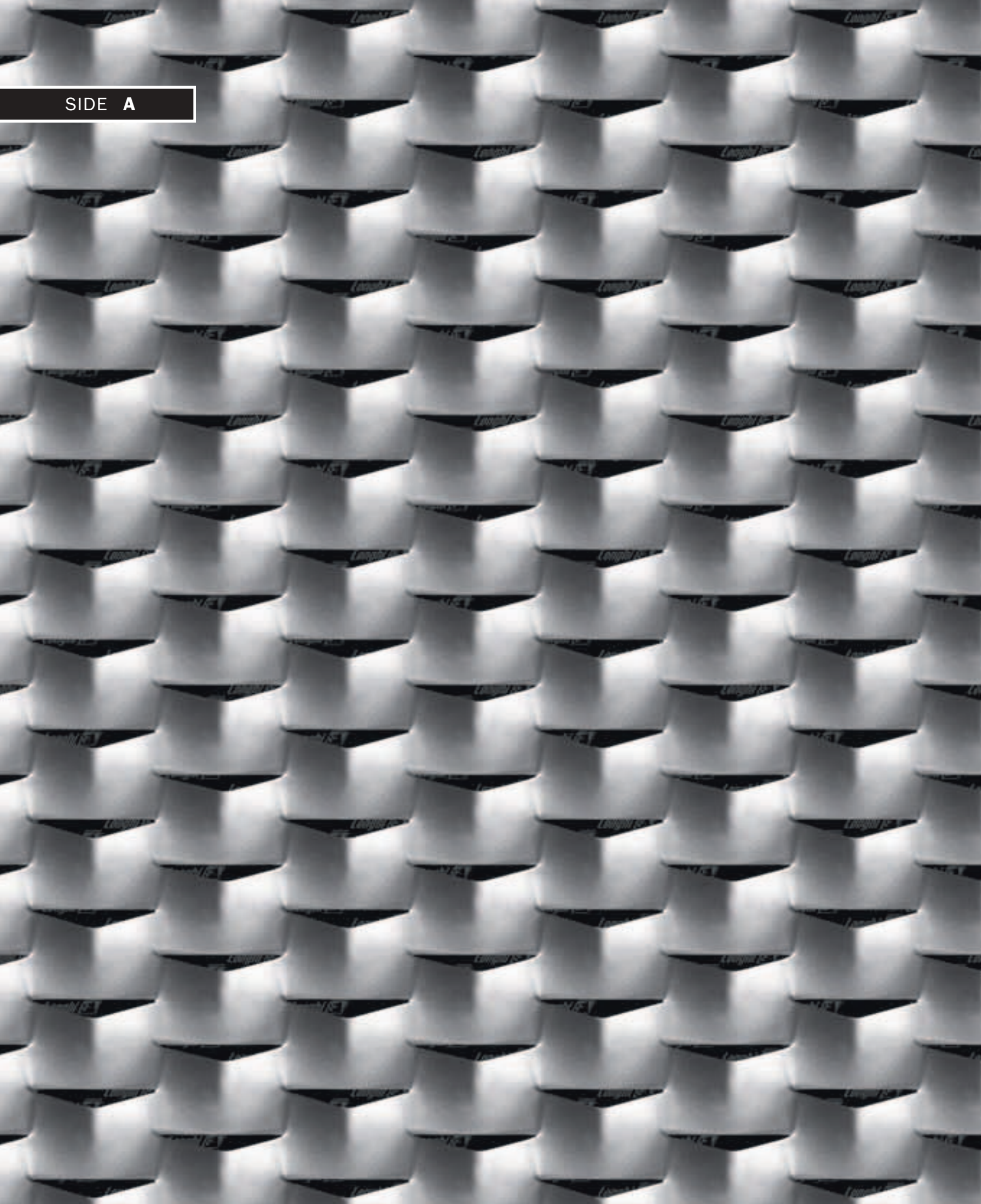


| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                               | Sheet thickness (mm)              | % front open area |
|-----------------------------|---------------------------------|--------------------------------|---|-----------------------------------|-------------------|
| R 43 x 23 - 10 x <b>1,5</b> | 10,30                           | 3,50                           | MS/t 1,5 LW 1000 x SW 2000 MS/t 2 LW 1250 x SW 2500     | measured at the centre<br>8 (-) ◆ | 15 (-)            |
| R 43 x 23 - 10 x <b>2,0</b> | 13,70                           | 4,70                           | MS/t 1,5 LW 1250 x SW 2500 AL/t 1,5/2 LW 1000 x SW 2000 |                                   |                   |
|                             |                                 |                                | MS/t 1,5 LW 1500 x SW 3000 AL/t 1,5/2 LW 1250 x SW 2500 |                                   |                   |
|                             |                                 |                                | MS/t 2 LW 1000 x SW 2000 AL/t 1,5/2 LW 1500 x SW 3000   |                                   |                   |

MS = Mild Steel - AL = Aluminium

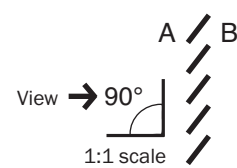
◆ Framing profiles: see page 193

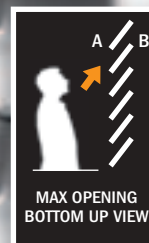
SIDE A



**Office**

**R 62 x 22 - 10 x t**  
|TYPE |LW |SW |w |t



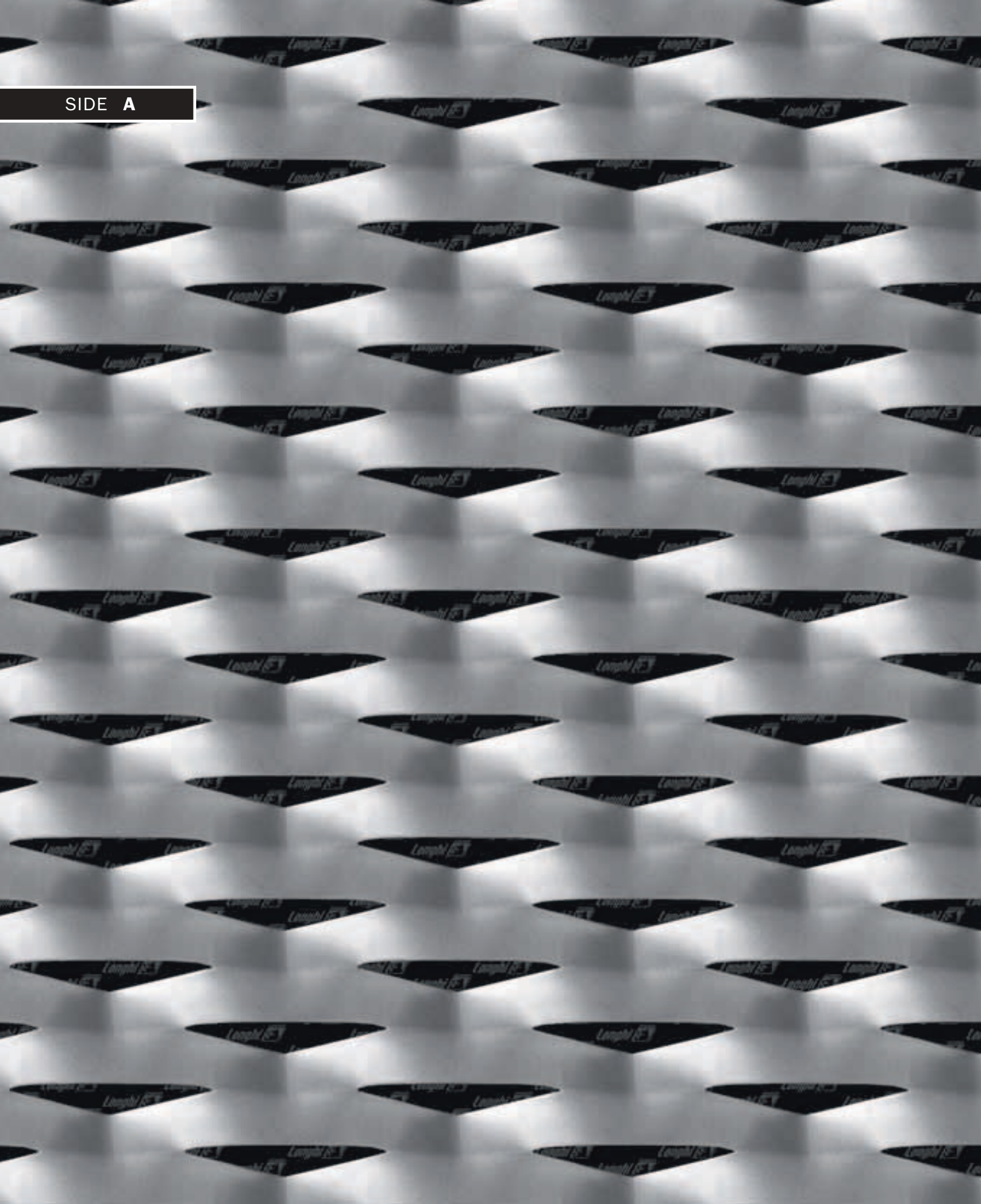


| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                                 | Sheet thickness (mm)              | % front open area |
|-----------------------------|---------------------------------|--------------------------------|---|-----------------------------------|-------------------|
| R 62 x 22 - 10 x <b>1,5</b> | 10,50                           | 3,60                           | MS/t 1,5/2 LW 1000 x SW 2000 AL/t 1,5/2 LW 1000 x SW 2000 | measured at the centre<br>9 (~) ◆ | 12 (~)            |
| R 62 x 22 - 10 x <b>2,0</b> | 14,10                           | 4,90                           | MS/t 1,5/2 LW 1250 x SW 2500 AL/t 1,5/2 LW 1250 x SW 2500 |                                   |                   |
|                             |                                 |                                | AL/t 1,5/2 LW 1500 x SW 3000                              |                                   |                   |

MS = Mild Steel - AL = Aluminium

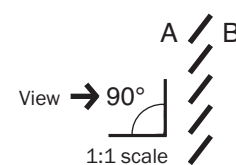
◆ Framing profiles: see page 193

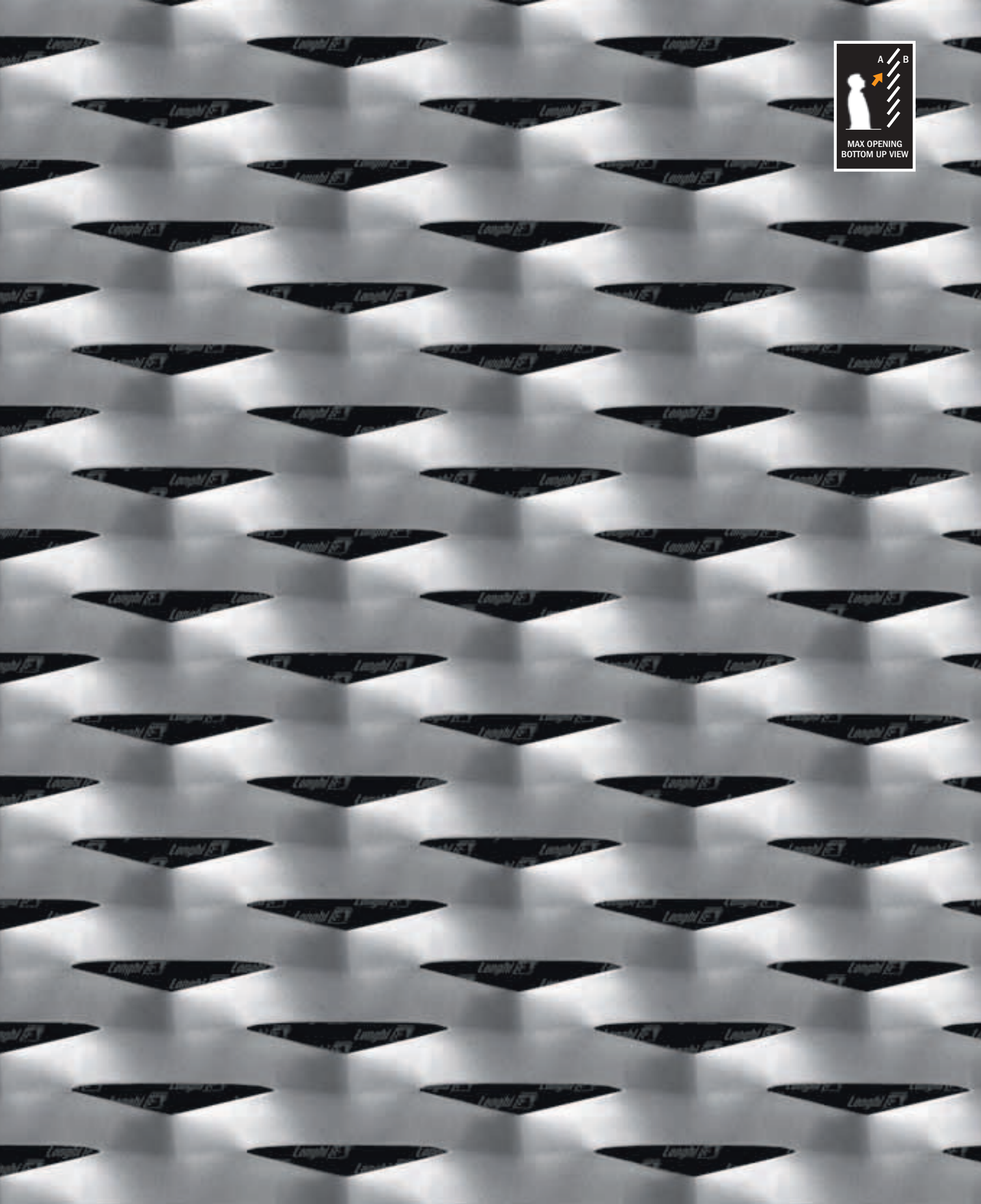
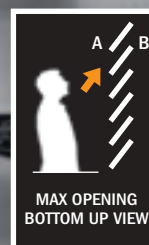
SIDE A



**Palace**

**R 85 x 30 - 13 x t**  
|TYPE| LW | SW | w | t



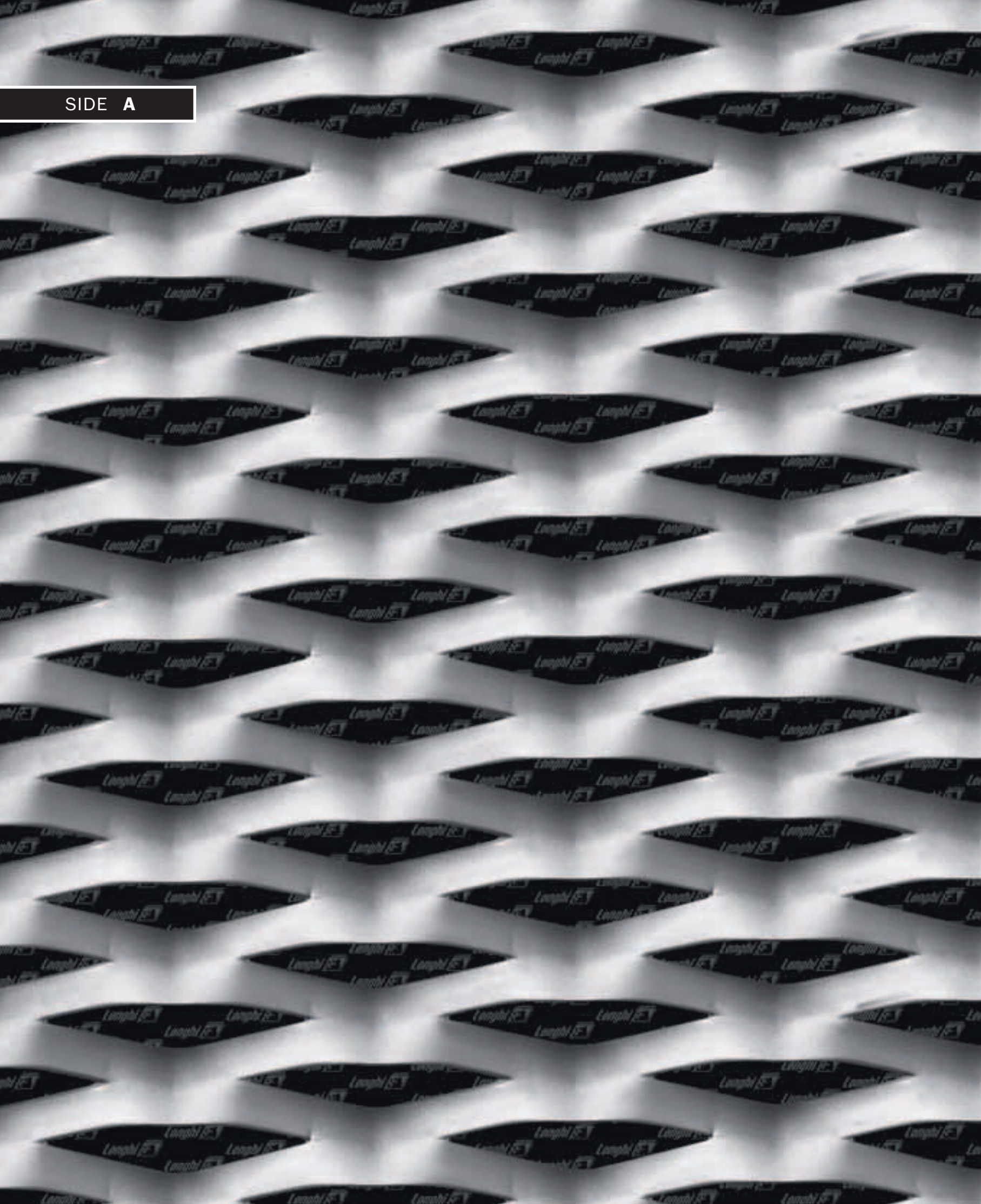


| Type - LW x SW - w x t (mm) | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                               | Sheet thickness (mm)               | % front open area |
|-----------------------------|---------------------------------|--------------------------------|---|------------------------------------|-------------------|
| R 85 x 30 - 13 x <b>1,5</b> | 10,50                           | 3,60                           | MS/t 1,5 LW 1000 x LW 2000 MS/t 2 LW 1250 x LW 2500     | measured at the centre<br>11 (~) ◆ | 18 (~)            |
| R 85 x 30 - 13 x <b>2,0</b> | 14,10                           | 4,80                           | MS/t 1,5 LW 1250 x LW 2500 AL/t 1,5/2 LW 1000 x LW 2000 |                                    |                   |
|                             |                                 |                                | MS/t 1,5 LW 1500 x LW 3000 AL/t 1,5/2 LW 1250 x LW 2500 |                                    |                   |
|                             |                                 |                                | MS/t 2 LW 1000 x LW 2000 AL/t 1,5/2 LW 1500 x LW 3000   |                                    |                   |

MS = Mild Steel - AL = Aluminium

◆ Framing profiles: see page 193

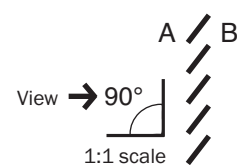
SIDE A

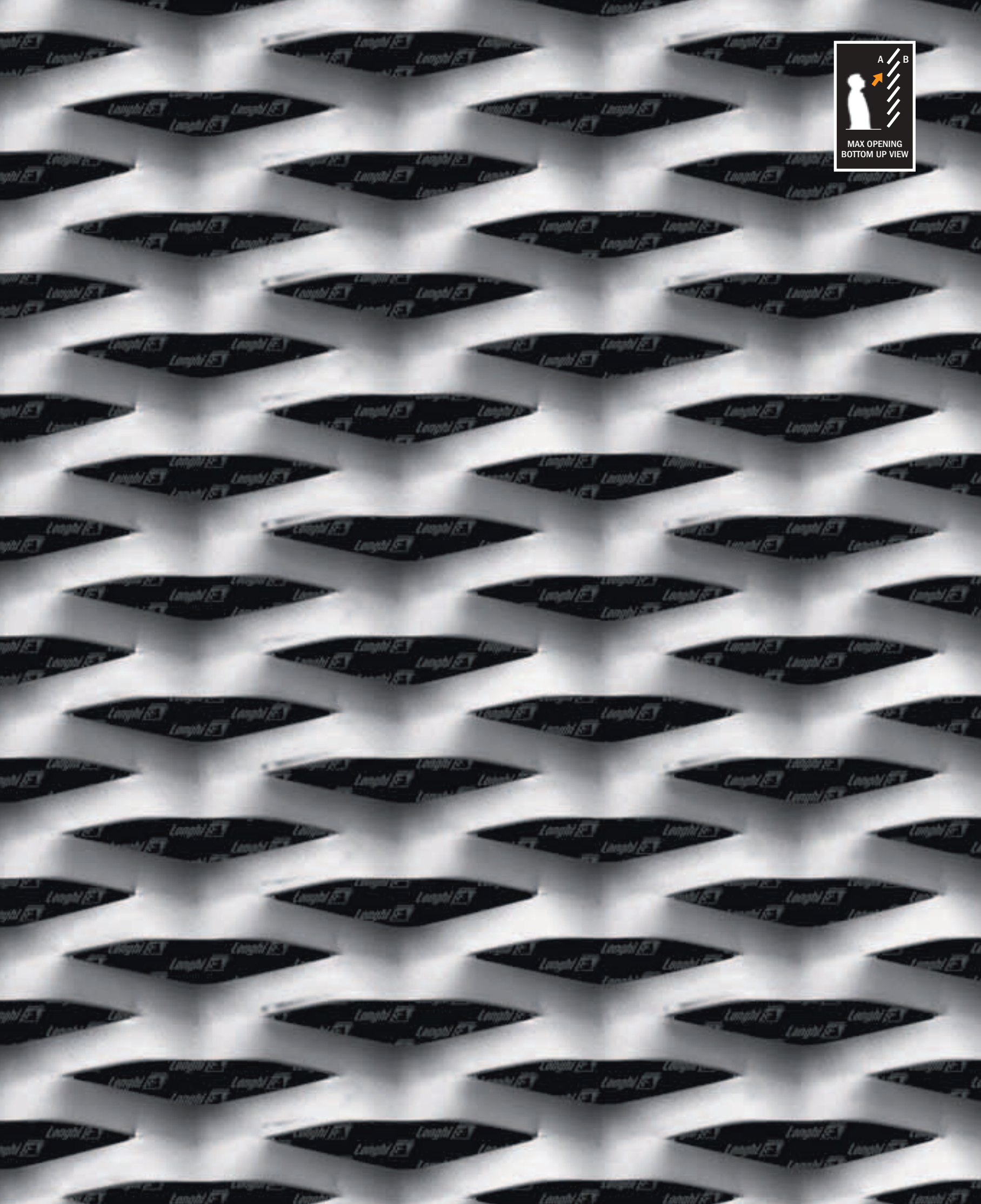
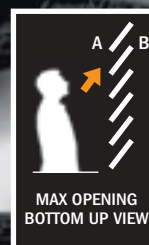


**Country**

**R 100 x 30 - 11 x t**

|TYPE| LW | SW | w | t



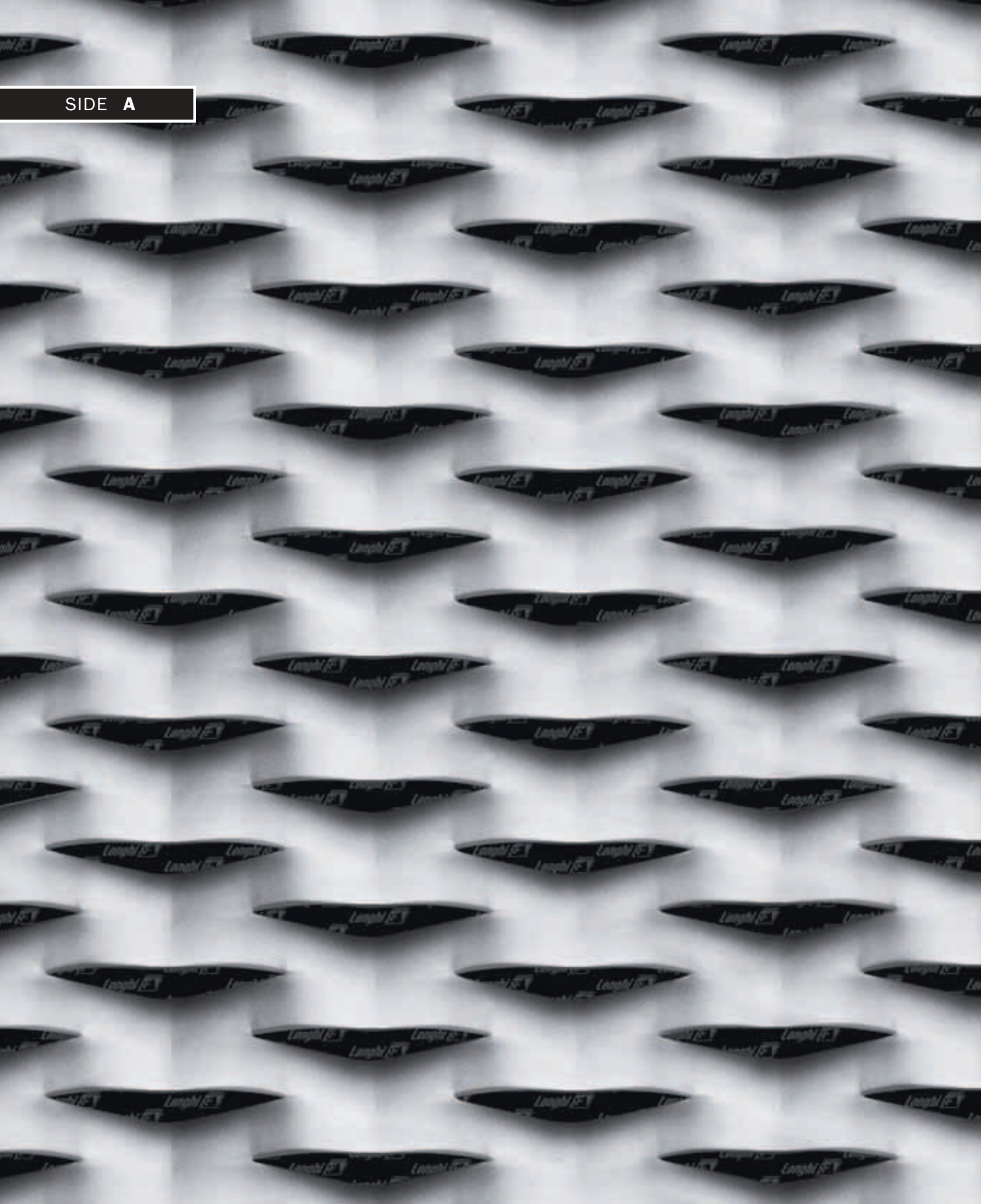


| Type - LW x SW - w x t (mm)  | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)                            | Sheet thickness (mm)<br>measured at the centre | % front open area |
|------------------------------|---------------------------------|--------------------------------|--|--|-------------------|
| R 100 x 30 - 11 x <b>1,5</b> | 8,80                            | 3,00                           | <b>LW 1000 x SW 2000</b>                             | 14 (~) ◆                                       | 30 (~)            |
| R 100 x 30 - 11 x <b>2,0</b> | 11,75                           | 4,00                           | <b>LW 1250 x SW 2500</b><br><b>LW 1500 x SW 3000</b> |  |                   |

◆ Framing profiles: see page 193



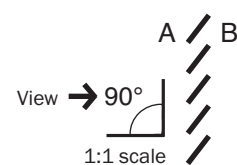
SIDE A

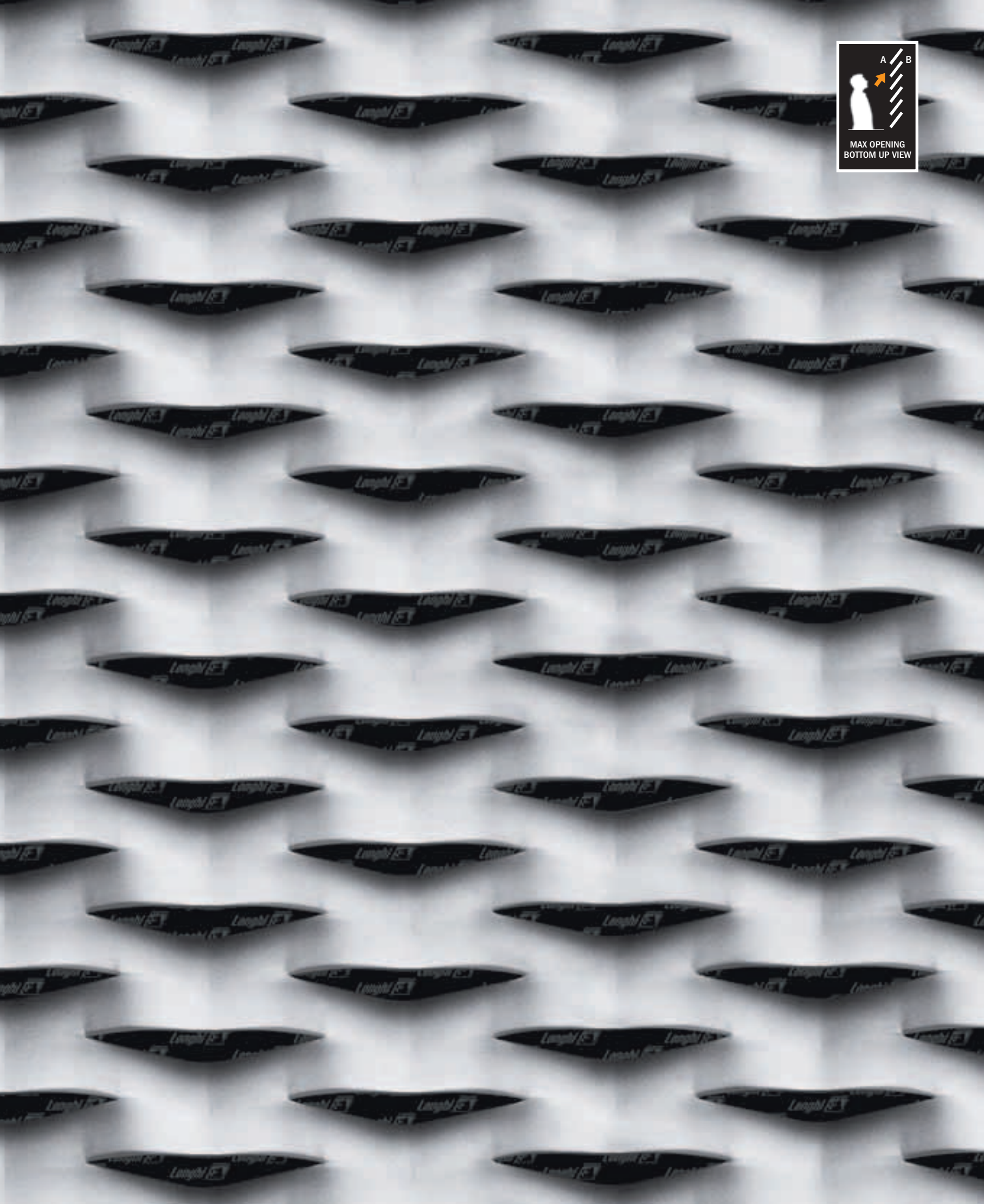
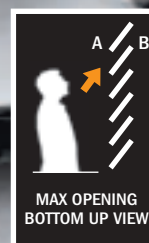


**Urban**

**R 100 x 30 - 13 x t**

|TYPE| LW | SW | w | t





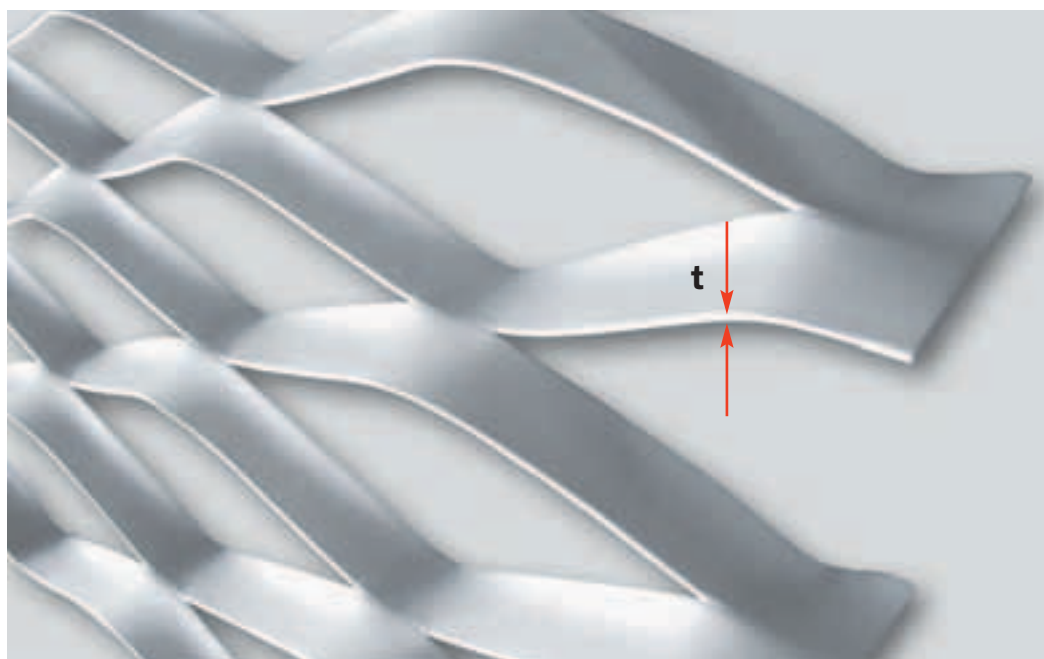
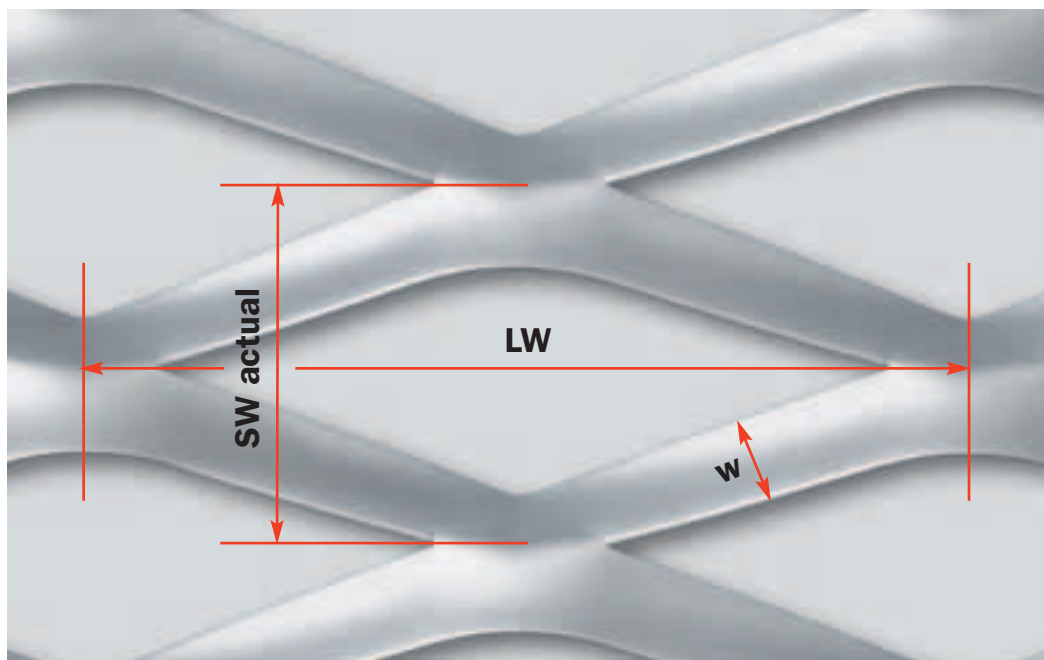
| Type - LW x SW - w x t (mm)  | Mild steel (kg/m <sup>2</sup> ) | Aluminium (kg/m <sup>2</sup> ) | Available sheet size (mm)  | Sheet thickness (mm)<br>measured at the centre | % front open area |
|------------------------------|---------------------------------|--------------------------------|--|--|-------------------|
| R 100 x 30 - 13 x <b>1,5</b> | 10,40                           | 3,55                           | <b>LW</b> 1000 x <b>SW</b> 2000                                    | 13 (~) ◆                                       | 17 (~)            |
| R 100 x 30 - 13 x <b>2,0</b> | 13,40                           | 4,70                           | <b>LW</b> 1250 x <b>SW</b> 2500<br><b>LW</b> 1500 x <b>SW</b> 3000 |  |                   |

◆ Framing profiles: see page 193

# LEGENDA



## PROTECH MESH SPECIFICATION



**IMPORTANT NOTE**  
In order to dimension correctly the profile, it is recommendable to measure the sheet thickness along the perimeter. The final sheet thickness at the perimeter may differ from the nominal value indicated on the data sheet.

## LEGENDA

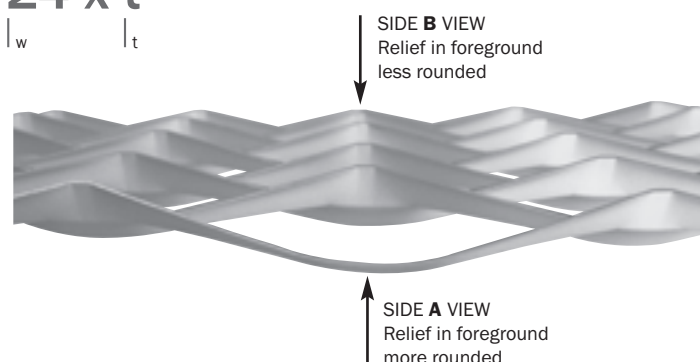
- LW** Long way pitch
- SW** Short way pitch
- SW** Short way pitch **actual**
- w** Strand Width
- t** Thickness

## EXAMPLE OF ID CODE FOR MESH COLISEUM

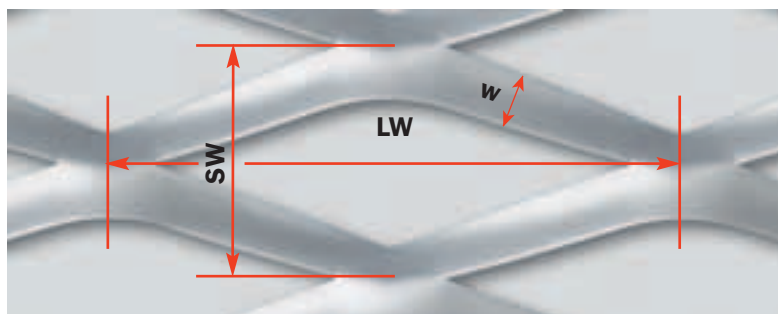
DATA IN MM

**R 200 x 75 (80) - 24 x t**

|      |    |            |           |   |   |
|------|----|------------|-----------|---|---|
| TYPE | LW | SW NOMINAL | SW ACTUAL | w | t |
|------|----|------------|-----------|---|---|

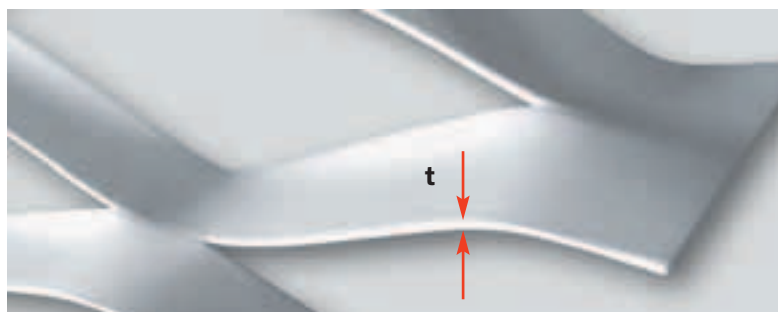


### STILTECH MESH SPECIFICATION



### SPECIFYING DIAMOND MESHES

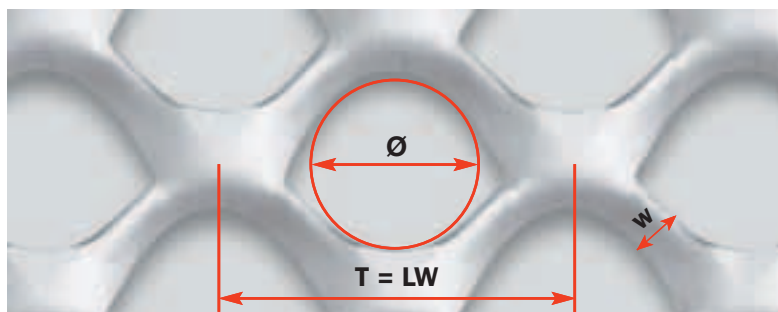
- LW** Long way pitch
- SW** Short way pitch
- w** Strand Width
- t** Thickness



EXAMPLE OF ID CODE FOR MESH **RB 45**  
DATA IN MM

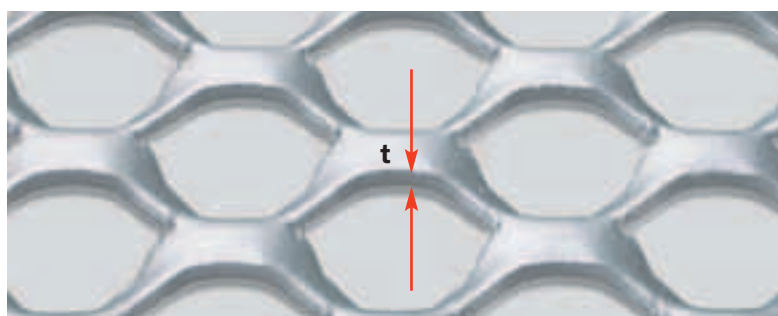
**R 28 x 14 - 5 x t**

|      |    |    |   |   |
|------|----|----|---|---|
| TYPE | LW | SW | w | t |
|------|----|----|---|---|



### SPECIFYING ROUND HOLE OR "T" MESHES

- T = LW** Long way pitch
- w** Strand Width
- t** Thickness
- Ø** Inscribed circle diameter (~)
- T =** These meshes are **not flattened**



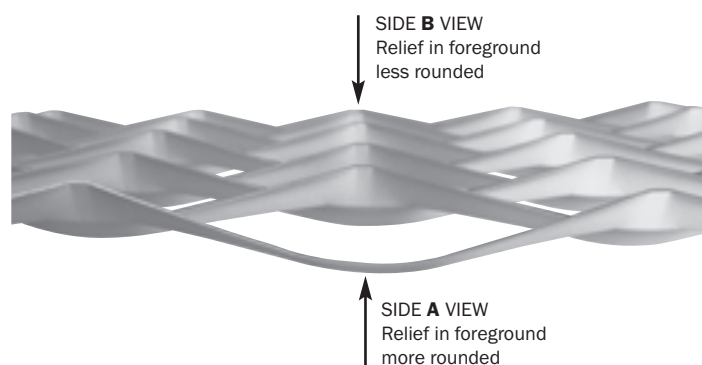
EXAMPLE OF ID CODE FOR MESH **TAU 40**  
DATA IN MM

**T 20 - 3,25 x t - Ø10**

|      |    |   |   |                           |
|------|----|---|---|---------------------------|
| TYPE | LW | w | t | Inscribed circle diameter |
|------|----|---|---|---------------------------|

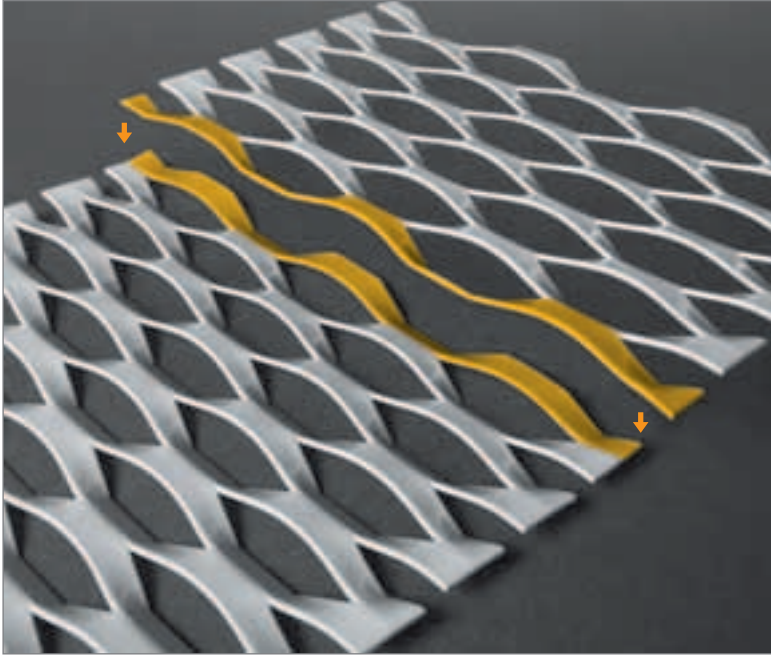


**IMPORTANT NOTE**  
In order to dimension correctly the profile, it is recommendable to measure the sheet thickness along the perimeter. The final sheet thickness at the perimeter may differ from the nominal value indicated on the data sheet.

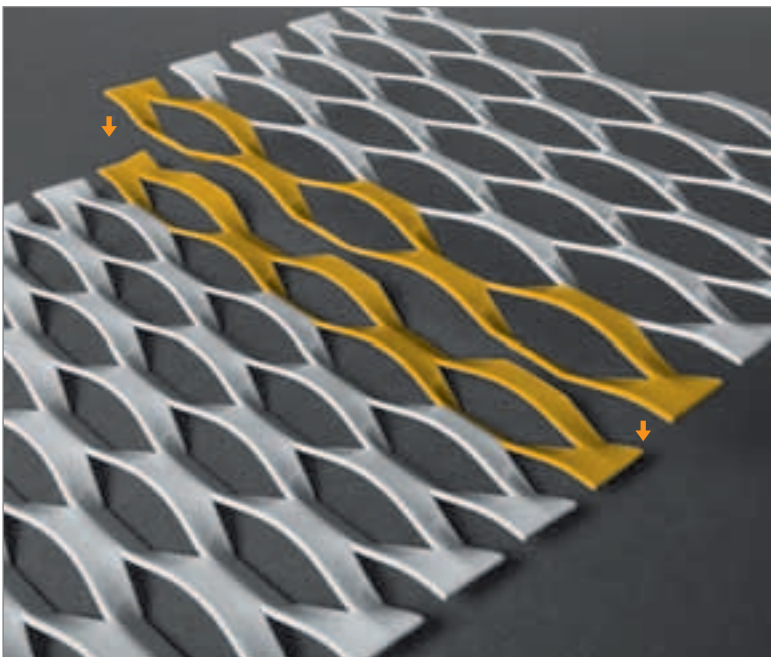
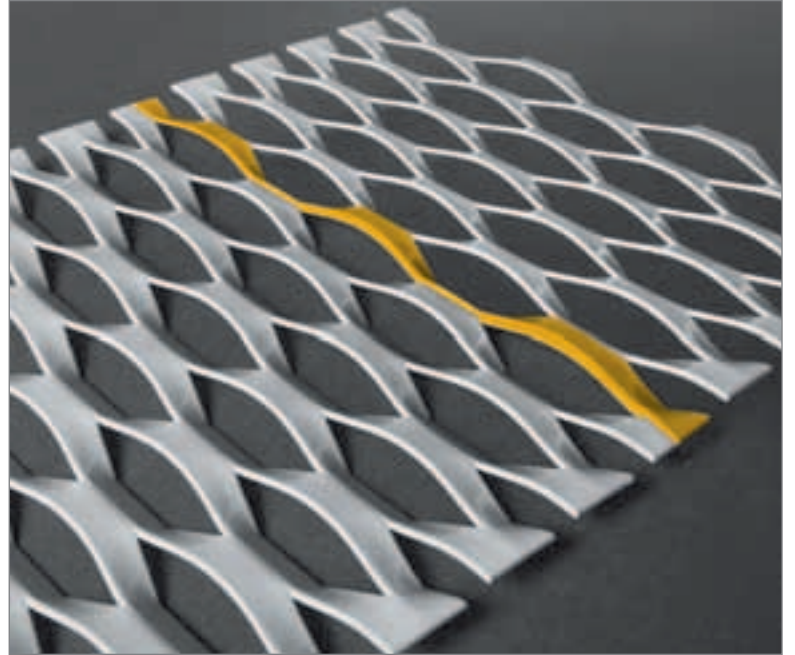


# MODULARITY

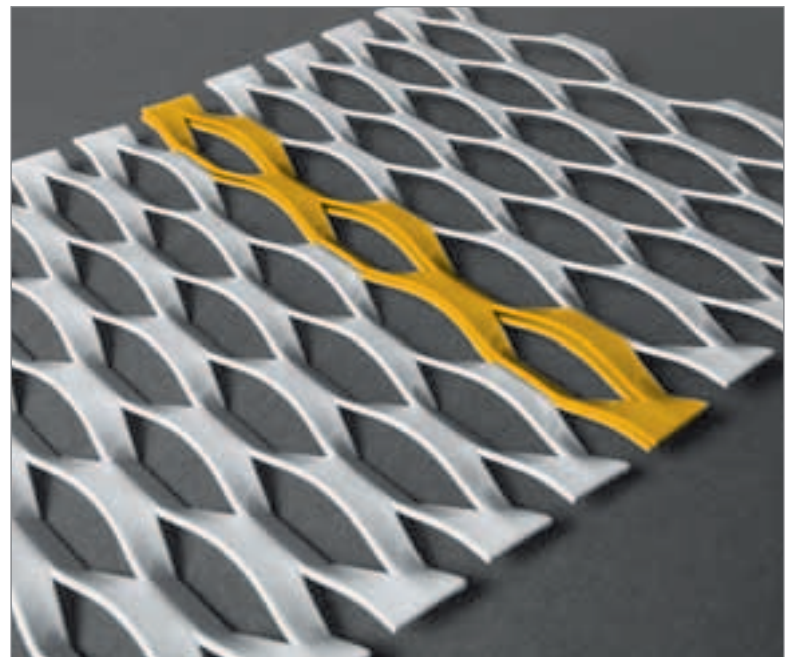
Surfaces of any shape and size can be created.  
Expanded mesh can be cut, bent, and curved.  
Panels are available in standard dimensions.  
Panels built to measure are also available on request.



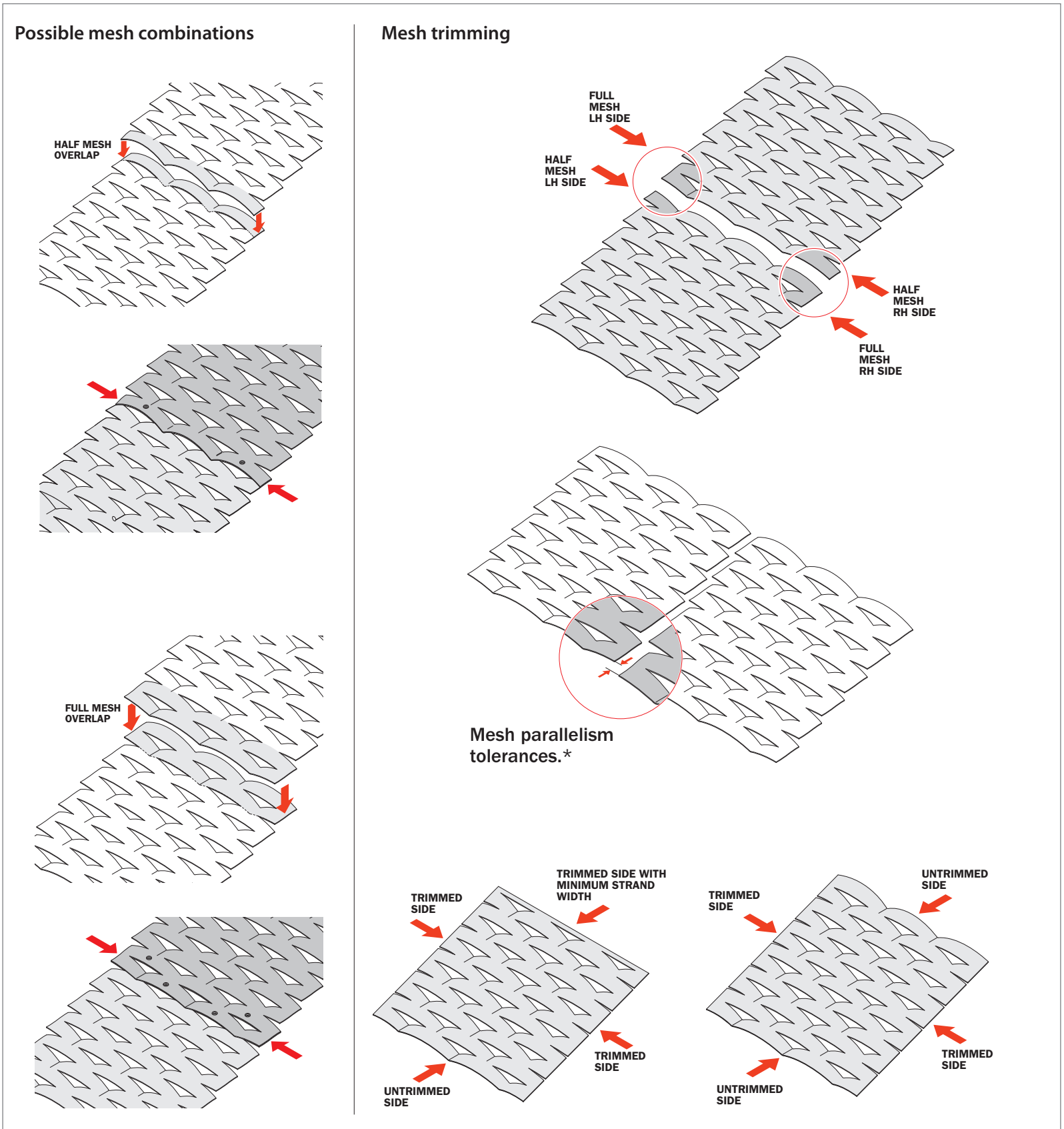
HALF MESH OVERLAP - SIDE A



FULL MESH OVERLAP - SIDE A



CHARACTERISTICS FOR USE IN MODULAR SOLUTIONS



\* Please contact our experts for further details about production tolerances

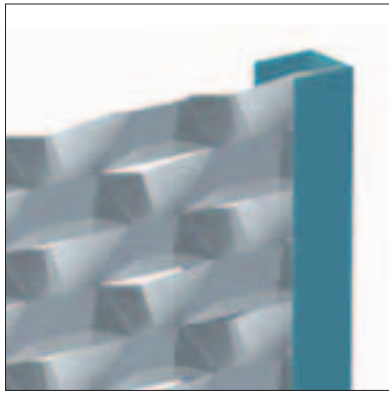
# FIXING SUGGESTIONS

Expanded mesh can be fixed in a number of different ways. Here are a few popular examples. Panels can be trimmed and then framed in various profiles offering a protected edge to the material and allowing the panels to sit more uniformly side by side. The mesh can then be fixed or welded to the

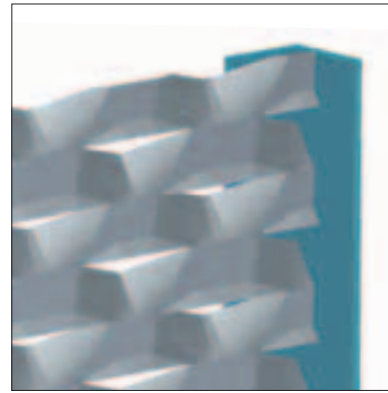
substructure using various hooking systems depending on the specific design needs of your project. The resulting modular solutions are highly flexible allowing you to decide the layout of your panels at will. Please contact us for further information.

## Framing profiles

Dimensions of the framing profiles: see page 192

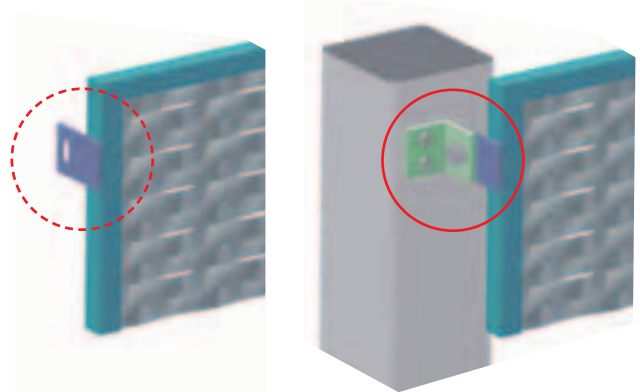
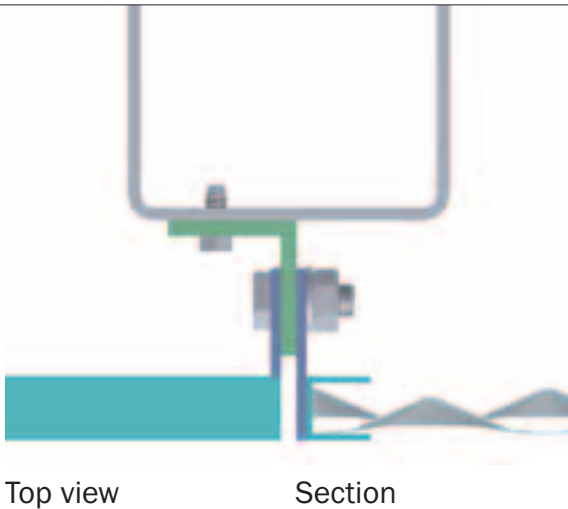


“U” section profile. Expanded mesh welded on the inside.



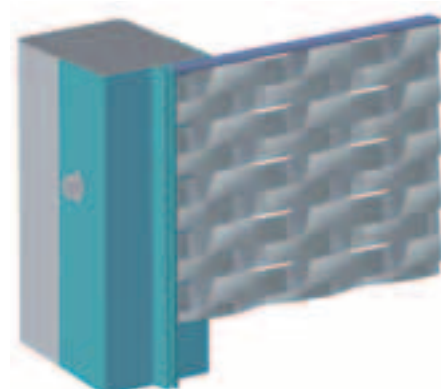
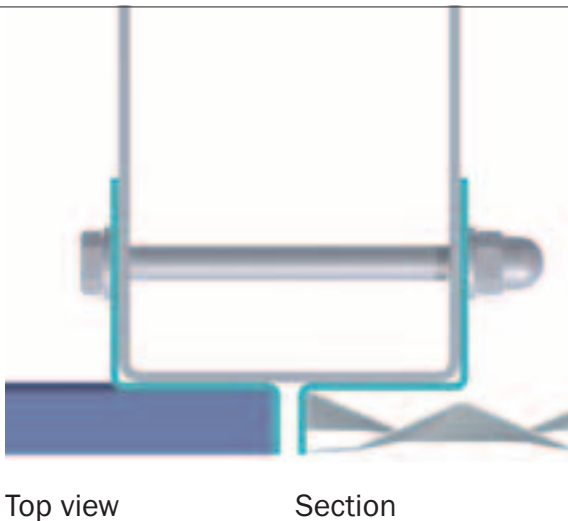
“L” section profile. The side of the frame is concealed.

## Fixing system with plates

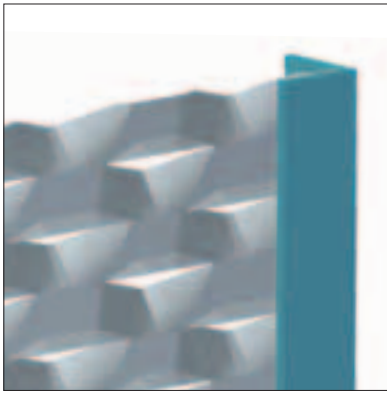


Fixing to supporting structure by plate and bracket. The mesh is welded to the profile frame.

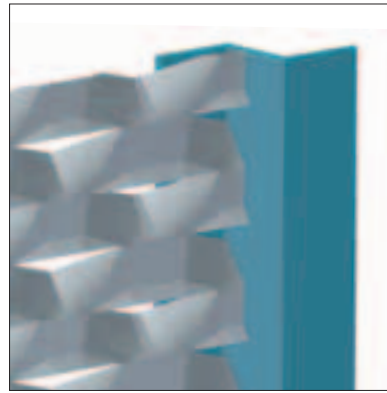
## Fixing System with profiles



Fixing with continuous profile fixed to the supporting structure. The mesh is welded to the profile frame.

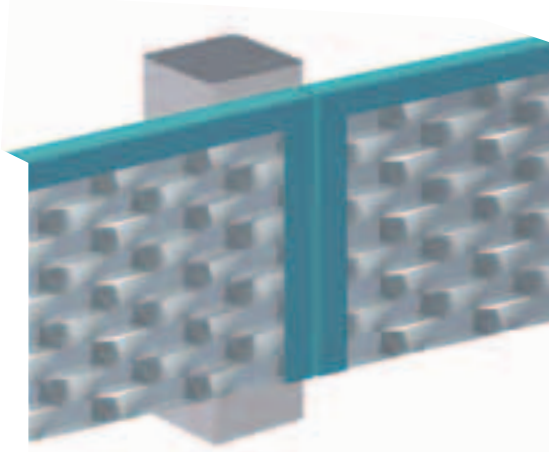


“L” section profile. The side of the frame is visible.

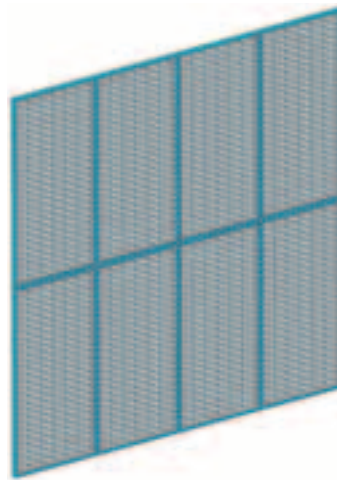


“Z” section profile. Expanded mesh welded on the inside.

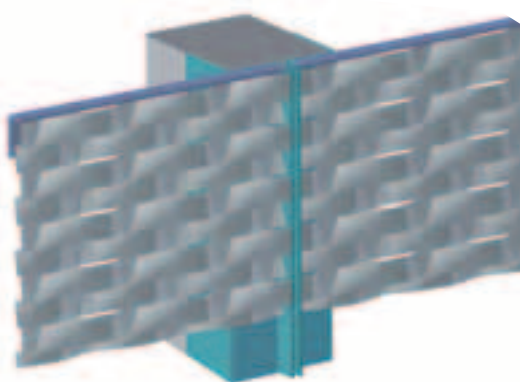
**Panel joining**



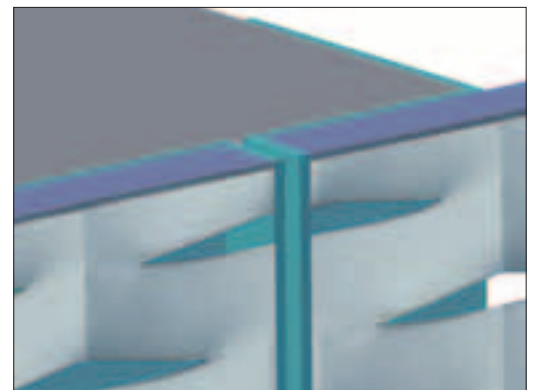
Modular positioning



**Panel joining**



Modular positioning





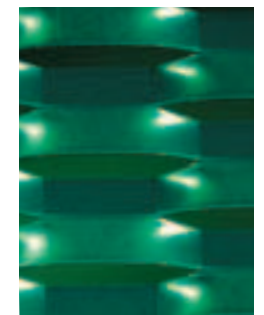
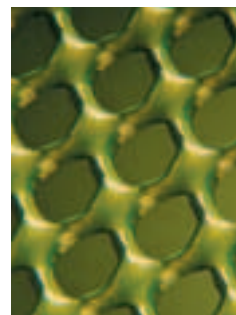
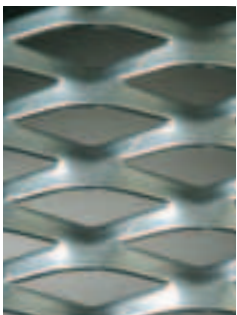
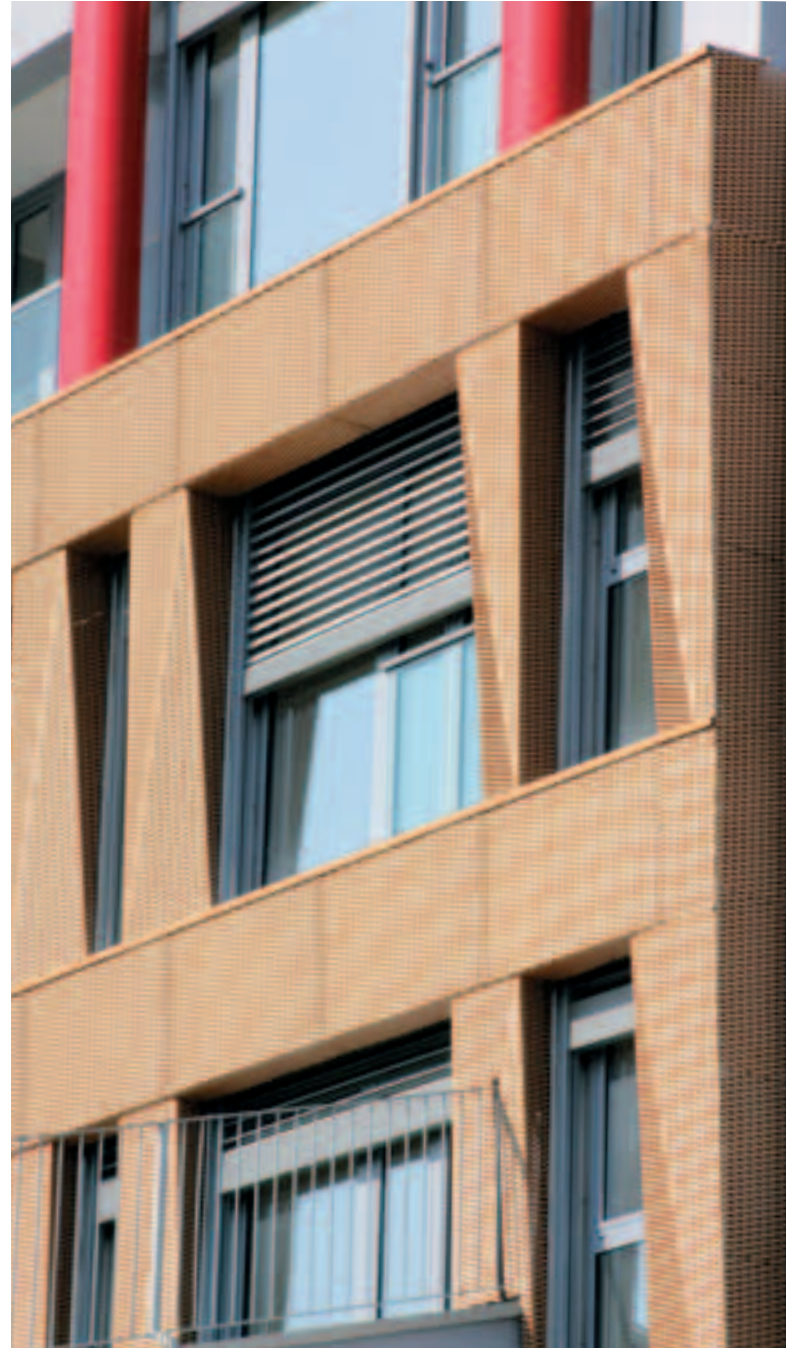
# COLOUR EFFECT

## Finishes guaranteed and certified against corrosion

Constantly new visual effects for rational and creative design.

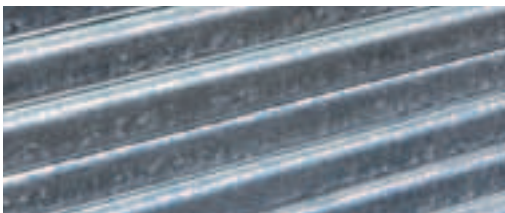
Bright colors and shimmering shades.

Large Meshes: prepare yourself for a surprise.



**FINISH COMPARISON**

|                      | CARBON STEEL<br>+ HOT DIP GALVANISING   | SENDZIMIR<br>CARBON STEEL<br>+ POWDER COATING FOR<br>INDOOR/OUTDOOR               | CARBON STEEL<br>+ POWDER COATING FOR<br>INDOOR                                     | ALUMINIUM<br>+ POWDER COATING FOR<br>INDOOR/OUTDOOR                                 | ALUMINIUM<br>+ ANODISING FOR<br>INDOOR/OUTDOOR                                      |
|----------------------|---|---|--|---|---|
| Colour spectrum      |  |  |  |  |  |
| Corrosion resistance | ★★★★  | ★★★   | ★★★  | ★★★★★   | ★★★★★   |



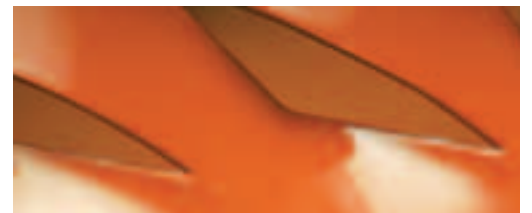
**Hot-dip galvanizing**

Hot-dip galvanizing is a surface coating treatment for the protection of metals based on the properties of molten zinc. A recently hot-dip galvanized surface is at first bright and shiny and then takes on a matte light color over time.



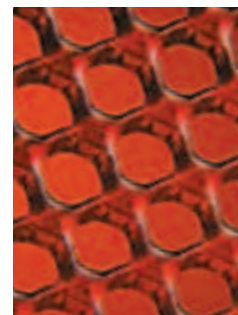
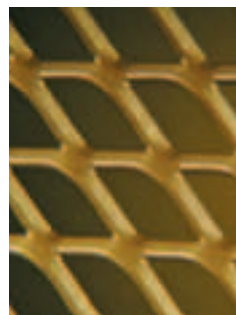
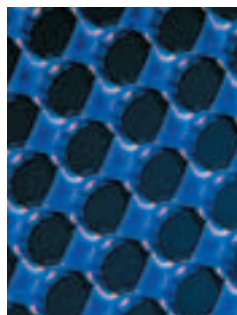
**Anodizing**

Anodizing is a chemical electric process performed in order to form a layer of oxide on the surface of articles in aluminum that provides protection against corrosion.



**Powder coating**

In addition to the vast range of colors that enriches the other choices made with personality, powder coating provides different types of protection against the corrosion of metals as required by their specific use. Different types of powder coating are available: epoxy resin, polyester, and epoxy-polyester coating.





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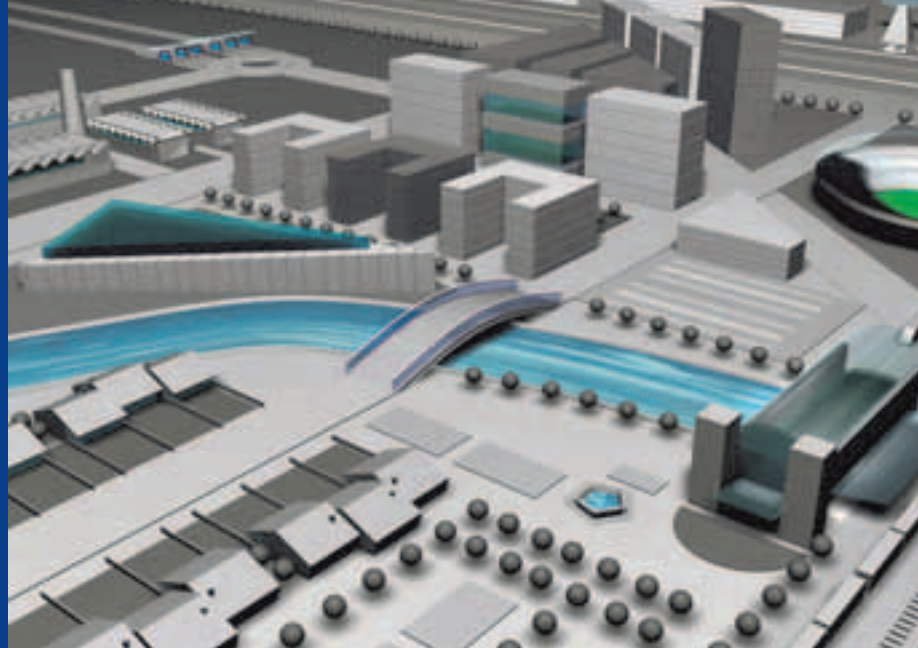
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