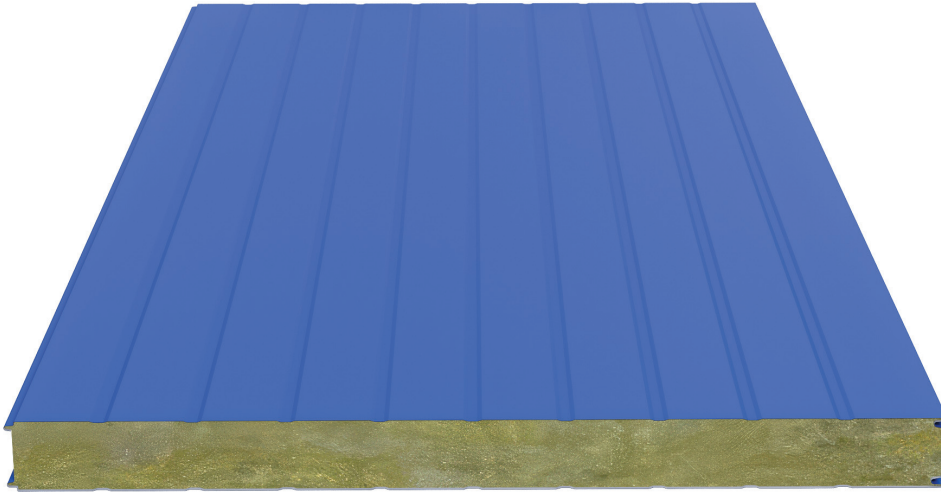


## WDT-UK Wall Panel



### Product Information

In addition to the durable attachment it provides with double-sided tongue-in-groove sections, the fast assembly capability makes these panels. Generally produced in micro-pressed form to achieve an aesthetic appearance for walls. The ability to use them both laterally and vertically provides assembly flexibility and good solutions for designers.

### Production Plant

UK

### Product Application

- Industrial Buildings
- Military Buildings
- Public Buildings
- Agricultural Buildings
- Sports Facilities
- Construction Site Buildings
- Silos
- Hypermarkets
- Shopping Centers
- Storehouse Halls
- Administrative Buildings

and all other concrete structures with steel or prefabricated load bearing systems.

While every effort has been made to ensure the accuracy of the information provided in this document, Assan Panel and its subsidiaries accept no responsibility for any errors or for content that may be misleading. Any recommendations or descriptions regarding product use or application are offered for general guidance only. Assan Panel and its subsidiaries accept no liability in respect thereof. Assan Panel reserves the right to make changes to this document at any time without prior notice.

## Performance Advantages

Has perfect fire resistance values.

Fast and problem-free assembly saves time and labor.

High performance in both thermal insulation and sound insulation.

The colorful surface eliminates the need for additional coatings like plaster and paint.

Color options available in the RAL catalogue.

Surface paint options available according to application (Polyester, PvdF, Plastisol, PVC).

Applicable both laterally and vertically.

The fastening elements being concealed provides visual advantage on walls.

High sound insulation performance.

## Measurements



h: 50-60-80-100-120-140-160-180-200 mm

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Modular Width</b>  | 1,000 mm                         |
| <b>Minimum Length</b> | 2 meters                         |
| <b>Maximum Length</b> | Depends on transport conditions. |

## Mineral Wool Properties

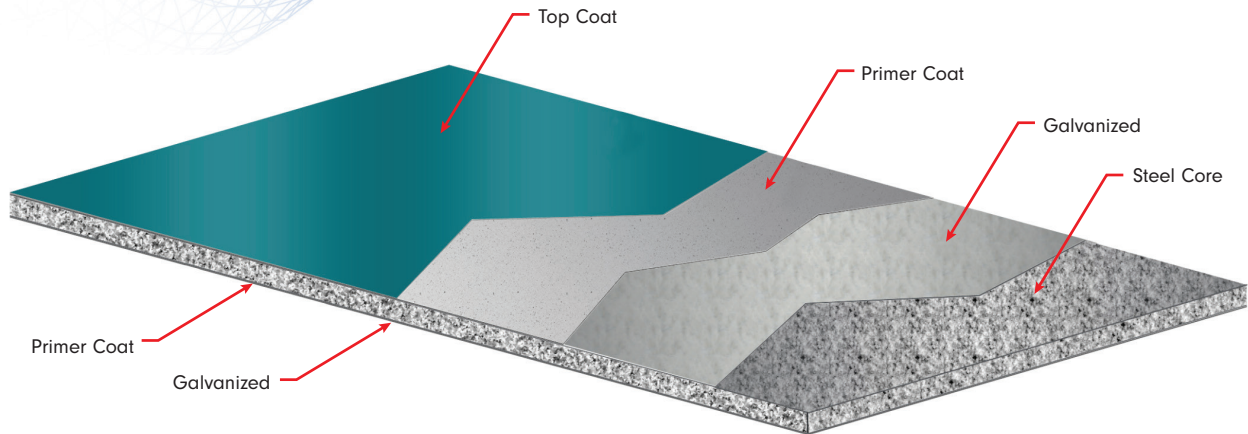
|                                        |                                                                                         |
|----------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Density (EN 1602)</b>               | 100 (±10) kg/m <sup>3</sup> - 120 (±10) kg/m <sup>3</sup> - 150 (±10) kg/m <sup>3</sup> |
| <b>Thickness</b>                       | 50-60-80-100-120-140-160-180-200 mm                                                     |
| <b>Thermal Conductivity (EN 13165)</b> | 0.043 W/mK                                                                              |
| <b>Reaction to Fire (13501)</b>        | A2-s1,d0                                                                                |

## Mineral Wool Thermal Conductivity

| Panel Thickness | U Thermal Conductivity (W/m <sup>2</sup> K) | R Thermal Conductivity (m <sup>2</sup> K/W) | R Thermal Conductivity (ft <sup>2</sup> °F h/Btu) |
|-----------------|---------------------------------------------|---------------------------------------------|---------------------------------------------------|
| 50 mm           | 0,91                                        | 1,1                                         | 6,24                                              |
| 60 mm           | 0,78                                        | 1,28                                        | 7,28                                              |
| 80 mm           | 0,53                                        | 1,89                                        | 10,71                                             |
| 100 mm          | 0,42                                        | 2,38                                        | 13,52                                             |
| 120 mm          | 0,35                                        | 2,86                                        | 16,22                                             |
| 140 mm          | 0,3                                         | 3,33                                        | 18,93                                             |
| 150 mm          | 0,28                                        | 3,57                                        | 20,28                                             |
| 180 mm          | 0,23                                        | 4,35                                        | 24,69                                             |
| 200 mm          | 0,21                                        | 4,76                                        | 27,04                                             |

The relevant values were calculated based on a value of 0.018 W/m<sup>2</sup>K.

## Metal Surfaces



## Prepainted Galvanized Steel Surface

|                                       |                                                          |
|---------------------------------------|----------------------------------------------------------|
| <b>Metal Type</b>                     | Prepainted Galvanized Steel                              |
| <b>External Facing Thickness</b>      | 0.50-0.80 mm                                             |
| <b>Internal Facing Thickness</b>      | 0.40-0.80 mm                                             |
| <b>Thickness Tolerance (EN 10143)</b> | Nominal                                                  |
| <b>Steel Quality (EN 10327)</b>       | Grade (S220GD+Z, S250GD+Z, S280GD+Z, S320GD+Z, S350GD+Z) |
| <b>Paint Type</b>                     | Polyester, PvdF, Plastisol                               |

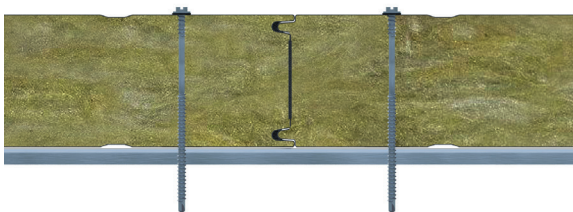
## Tolerance Values

| Panel Length                                                     | Panel Thickness            | Panel Cover Width           | Rectangularity                                                       |
|------------------------------------------------------------------|----------------------------|-----------------------------|----------------------------------------------------------------------|
| If $L \leq 3,000$ mm $\pm 5$ mm<br>If $L > 3,000$ mm $\pm 10$ mm | $D \leq 100$ mm $\pm 2$ mm | $\pm 2$ mm for all profiles | $s \leq 0.6\%$ of the nominal cover thickness (w). / (Width x 0.006) |

## Standard Package

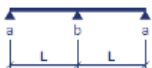
| Thickness (mm)  | 50 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
|-----------------|----|----|----|-----|-----|-----|-----|-----|-----|
| <b>Quantity</b> | 18 | 14 | 10 | 9   | 8   | 7   | 6   | 5   | 4   |

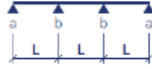
## Joint Details



**WDT WALL (MW) PANEL LOAD SPAN TABLE**

|                                                                                                  | Core Thickness (mm) | Load Type kN/m²  | Span length (L) (m) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------------------------|---------------------|------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                                  |                     |                  | 1.25                | 1.50  | 1.75  | 2.00  | 2.25  | 2.50  | 2.75  | 3.00  | 3.25  | 3.50  | 3.75  | 4.00  | 4.25  | 4.50  | 4.75  | 5.00  |
|                                                                                                  |                     |                  | 1.25                | 1.50  | 1.75  | 2.00  | 2.25  | 2.50  | 2.75  | 3.00  | 3.25  | 3.50  | 3.75  | 4.00  | 4.25  | 4.50  | 4.75  | 5.00  |
| SINGLE SPAN<br> | 50                  | a (mm)           | 40                  | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 2.07                | 1.72  | 1.47  | 1.29  | 1.15  | 1.03  | 0.95  | 0.87  | 0.80  | 0.70  | 0.61  | 0.53  | -     | -     | -     | -     |
|                                                                                                  |                     | Suction (kN/m²)  | -2.07               | -1.72 | -1.48 | -1.29 | -1.15 | -1.03 | -0.88 | -0.74 | -0.63 | -0.54 | -0.47 | -0.41 | -     | -     | -     | -     |
|                                                                                                  | 60                  | a (mm)           | 40                  | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 2.49                | 2.08  | 1.78  | 1.56  | 1.38  | 1.24  | 1.13  | 1.04  | 0.97  | 0.84  | 0.73  | 0.64  | 0.57  | 0.51  | 0.46  | 0.41  |
|                                                                                                  |                     | Suction (kN/m²)  | -2.50               | -2.08 | -1.78 | -1.56 | -1.38 | -1.24 | -1.05 | -0.89 | -0.76 | -0.65 | -0.57 | -0.50 | -0.44 | -0.39 | -0.35 | -0.32 |
|                                                                                                  | 70                  | a (mm)           | 40                  | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 2.92                | 2.43  | 2.08  | 1.82  | 1.62  | 1.46  | 1.32  | 1.21  | 1.12  | 0.99  | 0.86  | 0.76  | 0.67  | 0.60  | 0.53  | 0.48  |
|                                                                                                  |                     | Suction (kN/m²)  | -2.92               | -2.43 | -2.09 | -1.82 | -1.62 | -1.46 | -1.23 | -1.03 | -0.89 | -0.76 | -0.66 | -0.58 | -0.52 | -0.46 | -0.41 | -0.37 |
|                                                                                                  | 80                  | a (mm)           | 40                  | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 3.35                | 2.79  | 2.39  | 2.09  | 1.86  | 1.67  | 1.52  | 1.39  | 1.28  | 1.12  | 0.99  | 0.87  | 0.77  | 0.68  | 0.61  | 0.55  |
|                                                                                                  |                     | Suction (kN/m²)  | -3.35               | -2.79 | -2.39 | -2.09 | -1.86 | -1.67 | -1.41 | -1.18 | -1.01 | -0.88 | -0.76 | -0.67 | -0.59 | -0.53 | -0.47 | -0.43 |
|                                                                                                  | 100                 | a (mm)           | 45                  | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 42    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 4.20                | 3.50  | 3.00  | 2.62  | 2.33  | 2.10  | 1.91  | 1.75  | 1.61  | 1.41  | 1.23  | 1.08  | 0.96  | 0.86  | 0.77  | 0.69  |
|                                                                                                  |                     | Suction (kN/m²)  | -4.20               | -3.50 | -3.00 | -2.62 | -2.33 | -2.10 | -1.77 | -1.48 | -1.26 | -1.09 | -0.96 | -0.84 | -0.74 | -0.66 | -0.60 | -0.54 |
|                                                                                                  | 120                 | a (mm)           | 54                  | 54    | 54    | 54    | 54    | 54    | 54    | 54    | 54    | 51    | 48    | 45    | 42    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 5.06                | 4.21  | 3.61  | 3.16  | 2.81  | 2.52  | 2.29  | 2.10  | 1.94  | 1.70  | 1.48  | 1.30  | 1.15  | 1.02  | 0.93  | 0.84  |
|                                                                                                  |                     | Suction (kN/m²)  | -5.06               | -4.21 | -3.61 | -3.16 | -2.81 | -2.52 | -2.13 | -1.79 | -1.52 | -1.31 | -1.14 | -1.00 | -0.89 | -0.80 | -0.72 | -0.66 |
|                                                                                                  | 150                 | a (mm)           | 80                  | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 72    | 64    | 57    | 53    | 50    | 47    | 45    |
|                                                                                                  |                     | Pressure (kN/m²) | 6.33                | 5.28  | 4.52  | 3.96  | 3.52  | 3.16  | 2.88  | 2.64  | 2.43  | 2.13  | 1.85  | 1.63  | 1.44  | 1.28  | 1.15  | 1.04  |
|                                                                                                  |                     | Suction (kN/m²)  | -6.33               | -5.28 | -4.52 | -3.96 | -3.52 | -3.17 | -2.87 | -2.24 | -1.91 | -1.64 | -1.43 | -1.26 | -1.11 | -1.00 | -0.90 | -0.81 |
|                                                                                                  | 170                 | a (mm)           | 97                  | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 88    | 79    | 71    | 64    | 58    | 53    | 51    |
|                                                                                                  |                     | Pressure (kN/m²) | 7.19                | 5.99  | 5.13  | 4.49  | 3.99  | 3.59  | 3.26  | 2.99  | 2.76  | 2.41  | 2.10  | 1.85  | 1.63  | 1.46  | 1.31  | 1.18  |
|                                                                                                  |                     | Suction (kN/m²)  | -7.19               | -5.99 | -5.13 | -4.49 | -3.99 | -3.59 | -3.03 | -2.54 | -2.17 | -1.87 | -1.62 | -1.43 | -1.26 | -1.13 | -1.01 | -0.92 |

|                                                                                                  | Core Thickness (mm) | Load Type kN/m²  | Span length (L) (m) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------------------------|---------------------|------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                                  |                     |                  | 1.25                | 1.50  | 1.75  | 2.00  | 2.25  | 2.50  | 2.75  | 3.00  | 3.25  | 3.50  | 3.75  | 4.00  | 4.25  | 4.50  | 4.75  | 5.00  |
|                                                                                                  |                     |                  | 1.25                | 1.50  | 1.75  | 2.00  | 2.25  | 2.50  | 2.75  | 3.00  | 3.25  | 3.50  | 3.75  | 4.00  | 4.25  | 4.50  | 4.75  | 5.00  |
| DOUBLE SPAN<br> | 50                  | a (mm)           | 40                  | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 2.07                | 1.72  | 1.48  | 1.48  | 0.63  | 0.41  | 0.28  | 0.20  | -     | -     | -     | -     | -     | -     | -     | -     |
|                                                                                                  |                     | Suction (kN/m²)  | -2.07               | -1.72 | -1.48 | -0.91 | -0.50 | -0.28 | -0.16 | -0.08 | -     | -     | -     | -     | -     | -     | -     | -     |
|                                                                                                  | 60                  | a (mm)           | 40                  | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 2.49                | 2.08  | 1.78  | 1.35  | 0.91  | 0.60  | 0.41  | 0.29  | 0.21  | -     | -     | -     | -     | -     | -     | -     |
|                                                                                                  |                     | Suction (kN/m²)  | -2.49               | -2.08 | -1.78 | -1.26 | -0.81 | -0.47 | -0.28 | -0.16 | -0.09 | -     | -     | -     | -     | -     | -     | -     |
|                                                                                                  | 70                  | a (mm)           | 40                  | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 2.92                | 2.43  | 2.09  | 1.82  | 1.14  | 0.82  | 0.56  | 0.40  | 0.29  | 0.21  | -     | -     | -     | -     | -     | -     |
|                                                                                                  |                     | Suction (kN/m²)  | -2.92               | -2.43 | -2.09 | -1.82 | -1.03 | -0.71 | -0.43 | -0.27 | -0.16 | -0.09 | -     | -     | -     | -     | -     | -     |
|                                                                                                  | 80                  | a (mm)           | 45                  | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 45    | 40    | 40    | 40    | 40    | 40    | 40    |
|                                                                                                  |                     | Pressure (kN/m²) | 3.35                | 2.79  | 2.39  | 2.09  | 1.53  | 1.53  | 0.74  | 0.52  | 0.38  | 0.28  | 0.21  | -     | -     | -     | -     | -     |
|                                                                                                  |                     | Suction (kN/m²)  | -3.35               | -2.79 | -2.39 | -2.09 | -1.47 | -0.99 | -0.62 | -0.39 | -0.25 | -0.15 | -0.09 | -     | -     | -     | -     | -     |
|                                                                                                  | 100                 | a (mm)           | 55                  | 55    | 55    | 55    | 55    | 55    | 55    | 55    | 55    | 55    | 55    | 55    | 55    | 55    | 55    | 55    |
|                                                                                                  |                     | Pressure (kN/m²) | 4.20                | 3.50  | 3.00  | 2.62  | 2.33  | 1.58  | 1.05  | 0.82  | 0.59  | 0.44  | 0.33  | 0.26  | -     | -     | -     | -     |
|                                                                                                  |                     | Suction (kN/m²)  | -4.20               | -3.50 | -3.00 | -2.62 | -2.33 | -1.53 | -1.03 | -0.70 | -0.47 | -0.31 | -0.21 | -0.13 | -     | -     | -     | -     |
|                                                                                                  | 120                 | a (mm)           | 65                  | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 65    |
|                                                                                                  |                     | Pressure (kN/m²) | 5.06                | 4.21  | 3.61  | 3.16  | 2.81  | 2.32  | 1.56  | 1.07  | 0.86  | 0.64  | 0.48  | 0.37  | 0.29  | 0.23  | -     | -     |
|                                                                                                  |                     | Suction (kN/m²)  | -5.06               | -4.21 | -3.61 | -3.16 | -2.81 | -2.39 | -1.50 | -1.00 | -0.75 | -0.51 | -0.35 | -0.24 | -0.17 | -0.11 | -     | -     |
|                                                                                                  | 150                 | a (mm)           | 80                  | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    | 80    |
|                                                                                                  |                     | Pressure (kN/m²) | 6.33                | 5.28  | 4.52  | 3.96  | 3.52  | 3.16  | 2.50  | 1.74  | 1.24  | 1.00  | 0.76  | 0.59  | 0.46  | 0.37  | 0.29  | 0.24  |
|                                                                                                  |                     | Suction (kN/m²)  | -6.33               | -5.28 | -4.52 | -3.96 | -3.52 | -3.16 | -2.59 | -1.71 | -1.13 | -0.90 | -0.64 | -0.46 | -0.33 | -0.24 | -0.17 | -0.12 |
|                                                                                                  | 170                 | a (mm)           | 97                  | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    | 97    |
|                                                                                                  |                     | Pressure (kN/m²) | 7.19                | 5.99  | 5.13  | 4.49  | 3.99  | 3.59  | 3.23  | 2.26  | 1.61  | 1.18  | 0.98  | 0.75  | 0.59  | 0.47  | 0.38  | 0.31  |
|                                                                                                  |                     | Suction (kN/m²)  | -7.19               | -5.99 | -5.13 | -4.49 | -3.99 | -3.59 | -3.03 | -2.31 | -1.57 | -1.06 | -0.87 | -0.63 | -0.46 | -0.34 | -0.25 | -0.18 |

|             | Core Thickness (mm)                                                                 | Load Type kN/m²  | Span length (L) (m) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|-------------------------------------------------------------------------------------|------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                                                                                     |                  | 1.25                | 1.50  | 1.75  | 2.00  | 2.25  | 2.50  | 2.75  | 3.00  | 3.25  | 3.50  | 3.75  | 4.00  | 4.25  | 4.50  | 4.75  | 5.00  |       |
|             |                                                                                     |                  |                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| TRIPLE SPAN |  | 50               | a (mm)              | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |       |
|             |                                                                                     |                  | Pressure (kN/m²)    | 2.07  | 1.72  | 1.48  | 1.29  | 1.15  | 0.96  | 0.77  | 0.62  | 0.52  | 0.44  | 0.38  | 0.32  | 0.28  | 0.25  | 0.22  | 0.20  |
|             |                                                                                     |                  | Suction (kN/m²)     | -2.07 | -1.72 | -1.48 | -1.29 | -1.15 | -1.15 | -0.78 | -0.63 | -0.52 | -0.44 | -0.37 | -0.32 | -0.28 | -0.25 | -0.22 | -0.20 |
|             |                                                                                     | 60               | b (mm)              | 73    | 73    | 73    | 73    | 73    | 67    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    |
|             |                                                                                     |                  | a (mm)              | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
|             |                                                                                     |                  | Pressure (kN/m²)    | 2.49  | 2.08  | 1.78  | 1.56  | 1.38  | 1.13  | 0.96  | 0.78  | 0.64  | 0.54  | 0.46  | 0.40  | 0.35  | 0.31  | 0.27  | 0.24  |
|             | 70                                                                                  | b (mm)           | 87                  | 88    | 88    | 87    | 87    | 78    | 72    | 62    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    |       |
|             |                                                                                     | a (mm)           | 40                  | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |       |
|             |                                                                                     | Pressure (kN/m²) | 2.92                | 2.43  | 2.09  | 1.82  | 1.62  | 1.39  | 1.09  | 0.94  | 0.78  | 0.65  | 0.56  | 0.48  | 0.42  | 0.37  | 0.33  | 0.29  |       |
|             |                                                                                     | Suction (kN/m²)  | -2.92               | -2.43 | -2.09 | -1.82 | -1.62 | -1.45 | -1.11 | -0.97 | -0.79 | -0.66 | -0.56 | -0.48 | -0.42 | -0.37 | -0.32 | -0.29 |       |
|             |                                                                                     | b (mm)           | 103                 | 102   | 103   | 102   | 102   | 97    | 81    | 75    | 66    | 60    | 60    | 60    | 60    | 60    | 60    | 60    |       |
|             |                                                                                     | a (mm)           | 46                  | 44    | 42    | 41    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |       |
|             | 80                                                                                  | Pressure (kN/m²) | 3.35                | 2.79  | 2.39  | 2.09  | 1.86  | 1.67  | 1.30  | 1.03  | 0.91  | 0.77  | 0.65  | 0.56  | 0.49  | 0.43  | 0.38  | 0.34  |       |
|             |                                                                                     | Suction (kN/m²)  | -3.35               | -2.79 | -2.39 | -2.09 | -1.86 | -1.67 | -1.34 | -1.05 | -0.94 | -0.78 | -0.66 | -0.57 | -0.49 | -0.43 | -0.38 | -0.34 |       |
|             |                                                                                     | b (mm)           | 118                 | 118   | 118   | 118   | 118   | 117   | 98    | 82    | 77    | 69    | 60    | 60    | 60    | 60    | 60    | 60    |       |
|             |                                                                                     | a (mm)           | 57                  | 55    | 53    | 51    | 50    | 49    | 45    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |       |
|             |                                                                                     | Pressure (kN/m²) | 4.20                | 3.50  | 3.00  | 2.62  | 2.33  | 2.10  | 1.78  | 1.39  | 1.13  | 1.13  | 0.85  | 0.73  | 0.63  | 0.55  | 0.49  | 0.44  |       |
|             |                                                                                     | Suction (kN/m²)  | -4.20               | -3.50 | -3.00 | -2.62 | -2.33 | -2.10 | -1.77 | -1.44 | -1.15 | -1.00 | -0.87 | -0.74 | -0.64 | -0.56 | -0.49 | -0.44 |       |
|             | 100                                                                                 | b (mm)           | 148                 | 148   | 148   | 147   | 147   | 148   | 134   | 112   | 96    | 90    | 80    | 71    | 63    | 60    | 60    | 60    |       |
|             |                                                                                     | a (mm)           | 68                  | 65    | 63    | 62    | 60    | 58    | 57    | 49    | 44    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |       |
|             |                                                                                     | Pressure (kN/m²) | 5.05                | 4.21  | 3.61  | 3.16  | 2.81  | 2.52  | 2.26  | 1.78  | 1.44  | 1.18  | 1.18  | 0.91  | 0.79  | 0.69  | 0.61  | 0.54  |       |
|             |                                                                                     | Suction (kN/m²)  | -5.05               | -4.21 | -3.61 | -3.16 | -2.81 | -2.52 | -2.13 | -1.79 | -1.49 | -1.21 | -1.00 | -0.94 | -0.81 | -0.70 | -0.61 | -0.54 |       |
|             |                                                                                     | b (mm)           | 182                 | 182   | 182   | 182   | 182   | 182   | 179   | 150   | 129   | 111   | 98    | 94    | 85    | 77    | 70    | 64    |       |
|             |                                                                                     | a (mm)           | 84                  | 81    | 80    | 80    | 80    | 80    | 80    | 70    | 58    | 52    | 47    | 43    | 41    | 40    | 40    | 40    |       |
| 120         | Pressure (kN/m²)                                                                    | 6.33             | 5.28                | 4.52  | 3.96  | 3.52  | 3.16  | 2.88  | 2.43  | 1.95  | 1.59  | 1.33  | 1.12  | 1.12  | 0.90  | 0.79  | 0.70  |       |       |
|             | Suction (kN/m²)                                                                     | -6.33            | -5.28               | -4.52 | -3.96 | -3.52 | -3.16 | -2.67 | -2.24 | -1.91 | -1.64 | -1.37 | -1.15 | -1.00 | -0.93 | -0.81 | -0.71 |       |       |
|             | b (mm)                                                                              | 235              | 235                 | 235   | 235   | 235   | 235   | 234   | 235   | 214   | 183   | 158   | 139   | 122   | 114   | 108   | 98    |       |       |
|             | a (mm)                                                                              | 97               | 97                  | 97    | 97    | 97    | 97    | 97    | 92    | 73    | 61    | 55    | 50    | 46    | 43    | 42    | 40    |       |       |
|             | Pressure (kN/m²)                                                                    | 7.18             | 5.99                | 5.13  | 4.49  | 3.99  | 3.59  | 3.26  | 2.89  | 2.31  | 1.89  | 1.56  | 1.32  | 1.12  | 1.12  | 0.92  | 0.81  |       |       |
|             | Suction (kN/m²)                                                                     | -7.18            | -5.99               | -5.13 | -4.49 | -3.99 | -3.59 | -3.03 | -2.54 | -2.17 | -1.87 | -1.62 | -1.36 | -1.15 | -1.00 | -0.94 | -0.83 |       |       |
| 150         | b (mm)                                                                              | 269              | 270                 | 270   | 270   | 270   | 270   | 269   | 259   | 221   | 192   | 167   | 148   | 131   | 123   | 118   | 108   |       |       |
|             | a (mm)                                                                              | 97               | 97                  | 97    | 97    | 97    | 97    | 97    | 92    | 73    | 61    | 55    | 50    | 46    | 43    | 42    | 40    |       |       |
|             | Pressure (kN/m²)                                                                    | 7.18             | 5.99                | 5.13  | 4.49  | 3.99  | 3.59  | 3.26  | 2.89  | 2.31  | 1.89  | 1.56  | 1.32  | 1.12  | 1.12  | 0.92  | 0.81  |       |       |
|             | Suction (kN/m²)                                                                     | -7.18            | -5.99               | -5.13 | -4.49 | -3.99 | -3.59 | -3.03 | -2.54 | -2.17 | -1.87 | -1.62 | -1.36 | -1.15 | -1.00 | -0.94 | -0.83 |       |       |
|             | b (mm)                                                                              | 269              | 270                 | 270   | 270   | 270   | 270   | 269   | 259   | 221   | 192   | 167   | 148   | 131   | 123   | 118   | 108   |       |       |
|             | a (mm)                                                                              | 97               | 97                  | 97    | 97    | 97    | 97    | 97    | 92    | 73    | 61    | 55    | 50    | 46    | 43    | 42    | 40    |       |       |