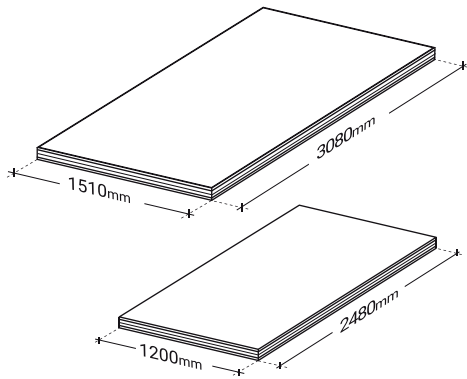


SANDWICH PANEL

# P-Wall™

P-Wall is optimal for the construction of partition and structural bulkheads in projects aimed at reducing weight and noise on board.

|                |                                      |
|----------------|--------------------------------------|
| <b>Sizes</b>   | 3080 x 1510 mm<br>2480 x 1200 mm     |
| <b>Weight</b>  | from 11,58 kg/m <sup>2</sup>         |
| <b>Glueing</b> | Class 3<br>NAF glueing upon request* |



\*Formaldehyde-free adhesive ensuring emission levels significantly below standard requirements.

TECHNICAL SPECIFICATIONS OF P-WALL™

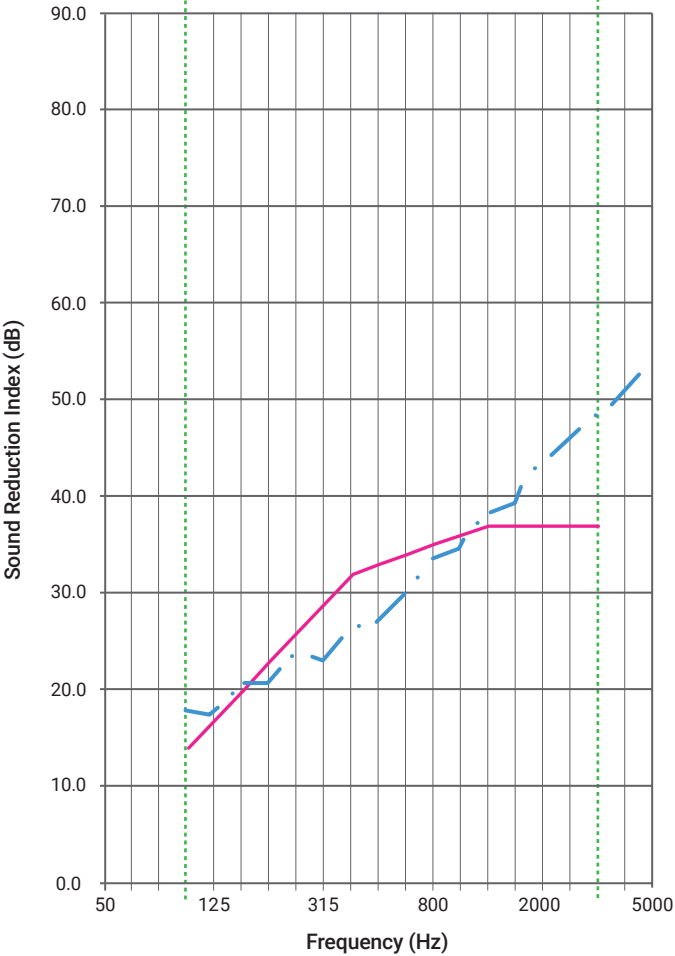
| Thickness | Density | Weight | Bending Strength |             | Bending Modulus |             | Sound reduction index |
|-----------|---------|--------|------------------|-------------|-----------------|-------------|-----------------------|
| mm        | kg/m³   | kg/m²  | N/mm²            |             | N/mm²           |             | db                    |
|           |         |        | Long Grain       | Cross Grain | Long Grain      | Cross Grain |                       |
| 40        | 263     | 11,58  | 16,3             | 16,8        | 2.078           | 2.282       | 32                    |
| 42        | 274     | 12,54  |                  |             |                 |             | 32                    |
| 44        | 285     | 13,50  | 17,2             | 17,5        | 2.223           | 2.192       | 33                    |
| 50        | 260     | 14,10  |                  |             |                 |             | 34                    |
| 60        | 230     | 15,10  |                  |             |                 |             | 34                    |

Dimensional tolerances comply with the requirements of standard EN 315. Customized thicknesses and configurations upon request.

SOUND INSULATION

- Frequency range
- Value reference curve (ISO 717-1)
- Test result

TEST RESULTS FOR 44 mm PANEL



| Frequency Hz | R 1/3 Octave db |
|--------------|-----------------|
| 50           | 0.0             |
| 63           | 0.0             |
| 80           | 0.0             |
| 100          | 17.8            |
| 125          | 17.2            |
| 160          | 20.6            |
| 200          | 20.5            |
| 250          | 23.9            |
| 315          | 23.2            |
| 400          | 26.5            |
| 500          | 27.2            |
| 630          | 30.2            |
| 800          | 33.7            |
| 1000         | 34.9            |
| 1250         | 38.4            |
| 1600         | 39.7            |
| 2000         | 43.9            |
| 2500         | 46.3            |
| 3150         | 48.5            |
| 4000         | 51.4            |
| 5000         | 53.8            |



Sound reduction index

Rw = dB

Thickness 44 mm

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