

Swisspearl Deco

Datasheet - Facade Boards

Swisspearl Deco features a rustic painted surface. The directional grain of the board is subtly visible through the paint like the veneer of your living room furniture - adding a smooth yet natural look to the painted Swisspearl Deco board.

The combination of the delicate structure and the

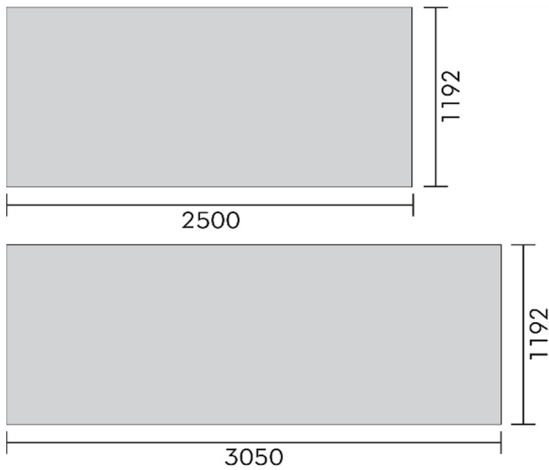
nature of Cembrit's fibre cement boards, requiring only limited maintenance over time, makes the Swisspearl Deco board a decorative choice for your facade.

Swisspearl Deco is available in 4 colour options matching the current building trend.

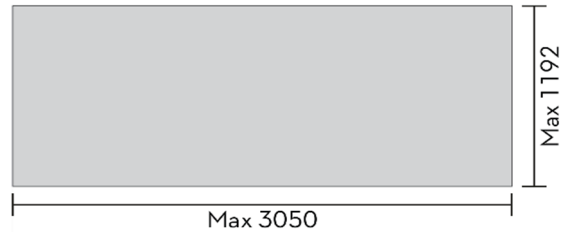
Dimension (nominal)

| | | |
|-----------|----|--------------|
| Thickness | mm | 8 |
| Width | mm | 1192 |
| Length | mm | 2500 3050 |

Standard size



Max. Project size



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Please visit the local website for contact details and further information.

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Dimension tolerance (EN 12467, Level 1)

| | | |
|-----------------------------|----|----------|
| Thickness (up to 20mm) | mm | ± 0.8 |
| Width (1000mm < a < 1600mm) | mm | ± 0,3% a |
| Length (1600mm < Length) | mm | ± 5.0 |

Physical properties

| | | |
|---------------------------------|-------------------|--------|
| Density, dry minimum (EN 12467) | kg/m ³ | ≥ 1250 |
| Density, dry average (EN 12467) | kg/m ³ | 1430 |
| Weight (incl. 10% moisture)* | kg/m ² | 12.5 |

* Nominal value may vary depending on the conditions

Mechanical properties (EN 12467)

| | | |
|--------------------------------|-----|----|
| Flexural modulus | | |
| E-module along grain, ambient | GPa | 16 |
| E-module across grain, ambient | GPa | 18 |
| E-module along grain, wet | GPa | 11 |
| E-module across grain, wet | GPa | 13 |

Bending strength (EN 12467)

| | | |
|-----------------------|-----|----|
| Along grain, ambient | MPa | 25 |
| Across grain, ambient | MPa | 35 |
| Along grain, wet | MPa | 17 |
| Across grain, wet | MPa | 25 |

Impact strength - Pendulum

| | | |
|-------------------|-------------------|-----|
| Along grain, dry | kJ/m ² | 2.0 |
| Across grain, dry | kJ/m ² | 2.6 |

Thermal properties

| | | |
|---|----------------|-------|
| Coefficient of thermal expansion | mm/m °C | 0.01 |
| Frost resistance (average along/across) | R _L | ≥0.75 |
| Frost resistance (max. cycles R _L > 0,75 EN 12467) | Cycles | 100 |

Hygrothermal properties

| | | |
|--|--------|---------------|
| Moisture movement (30/90 % RH, EN 12467) | mm/m | 0.07 |
| Water impermeability (EN 12467) | Visual | No water drop |

Fire Performance

| | | |
|-------------------------------|--------|-----------|
| Reaction to fire (EN 13501-1) | Rating | A2-s1, d0 |
|-------------------------------|--------|-----------|

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| Other properties | | | | | |
|--|-----------|-------------|--------------|-------------|------------|
| Category, class (EN 12467) | | | | | NT A4 1 |
| M1-Classification, VOC emission of building materials | | | | | Pass |
| Impact resistance test (ETAG 034, ISO 7892), 8 mm | | | | | |
| | Max. | Category IV | Category III | Category II | Category I |
| Hard body | 1 Joule | Passed | | | |
| | 3 Joule | | Passed | Passed | Passed |
| | 10 Joule | | | Passed | Passed |
| Soft body | 10 Joule | Passed | Passed | | |
| | 60 Joule | | | Passed | Passed |
| | 300 Joule | | | Not passed | |
| | 400 Joule | | | | Not passed |
| Evaluation | | Passed | Passed | Not passed | Not passed |