

## Cembrit Moorland

### Roofing

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The Cembrit group has been manufacturing and developing fibre cement products including slates for over 90 years. Cembrit slates are lightweight roof tiles that offer distinctive aesthetics ideal for both roof and facade. The slates are easy to handle and install which make them ideal for all types of projects.

Cembrit prides itself on manufacturing fibre cement slates which achieve the highest approvals from local, national and international agencies in the fields of product quality and sustainability. The Cembrit range of Cembrit Moorland slates carry the CE mark and are manufactured in accordance with the requirements of the European Norm EN 492. They have achieved Class B, the highest class, for structural stability in accordance with EN 492.

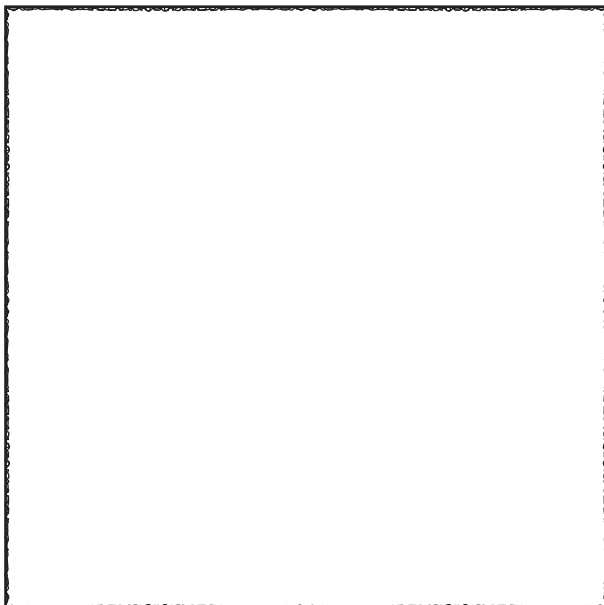
The slates are manufactured using Portland cement together with a non-asbestos formulation of superior blended synthetic and cellulose fibres. The slates are pigmented during production and are fully compressed. They are finished with a high quality, semi-matt acrylic coloured coating to the top face and edges and a tinted or transparent, high performance binder to the back face. Cembrit slates are complemented by a wide range of fibre cement accessories.

Cembrit slates are manufactured in accordance with a quality assurance system to ISO 9001. Furthermore, our production unit complies with the requirements of ISO 14001. Cembrit slates are manufactured in accordance with the requirements of ISO 14001.

Environmental Product Declaration number  
EPD-CEM-20160113-IAD1-EN.

#### CEMBRIT MOORLAND

Cembrit Moorland slates are rectangular with a smooth surface and dressed edges. These slates are finished with a semi-matt acrylic Blue-Black coloured coating. Cembrit Moorland slates are lightweight, easy to handle and install.



600 mm

600 mm

## Cembrit Moorland

| Dimension |    |     |
|-----------|----|-----|
| Width     | mm | 600 |
| Length    | mm | 600 |
| Thickness | mm | 4.0 |

| Physical properties   |                   |      |
|-----------------------|-------------------|------|
| Density, dry (EN 492) | Kg/m <sup>3</sup> | 1820 |
| Weight                | Kg/pcs.           | 2.62 |

| Mechanical properties       |      |    |
|-----------------------------|------|----|
| Class (EN 492)              |      | B  |
| Bending moment min (EN 492) | Nm/m | 50 |

| Thermal properties               |         |       |
|----------------------------------|---------|-------|
| Coefficient of thermal expansion | mm/m °C | 0.008 |

| Tolerances |    |         |
|------------|----|---------|
| Thickness  | mm | +1/-0.4 |
| Length     | mm | ±3.0    |
| Width      | mm | ±3.0    |

| Other properties       |  |                   |
|------------------------|--|-------------------|
| Fire rating (EN 13501) |  | A2,S1-d0          |
| Fire category          |  | B <sub>roof</sub> |
| Minimum pitch          |  | 25                |