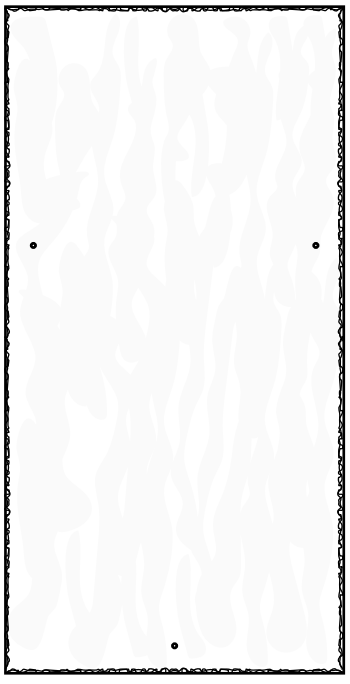
CEMBRIT

Cembrit Berona Structured

Roofing

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 Berona 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.



600 mm

300 mm

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: 2004. Cembrit slates are manufactured in accordance with the requirements of ISO 14001:2004.
Environmental Product Declaration number EPD-CEM-2012211.

CEMBRIT BERONA STRUCTURED

Cembrit Berona Structured are rectangular with a structured surface and dressed edges. These slates are finished with a semi-matt acrylic Blue-Black or Welsh Blue coloured coating and carry an extended colour warranty. Berona Structured recreates the appearance of a traditional stone roofing slate, while having the advantage of cost reductions in both product and fixing.

www.cembrit.ie
Please visit cembrit.ie for contact details and further information.

CEMBRIT

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Dimension		
Width	mm	300
Length	mm	600
Thickness	mm	4.0
Physical properties		
Density, dry (EN 492)	Kg/m^3	1700
Weight	Kg/pcs.	1.5
Mechanical properties		
Class (EN 492)		B
Bending moment min (EN 492)	Nm/m	50
Thermal properties		
Coefficient of thermal expansion (EN 492)	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_{roof}
Minimum pitch		24

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