

Swisspearl Berona Structured

Roofing

The Swisspearl group has been manufacturing and developing fibre cement products including slates for over 90 years. Swisspearl 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.

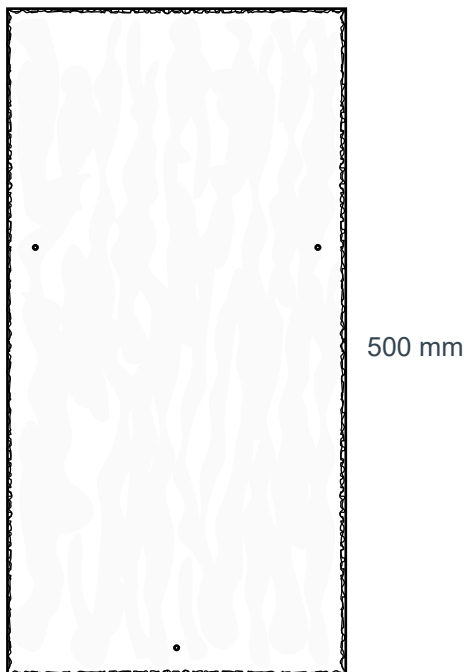
Swisspearl prides itself on manufacturing fibre cement slates which achieve the highest approvals from local, national and international agencies in the fields of product quality and sustainability. The Swisspearl range of Berona slates carry the CE mark and are

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.

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. Swisspearl slates are complemented by a wide range of fibre cement accessories.

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

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



242 mm

500 mm

SWISSPEARL BERONA STRUCTURED

Swisspearl Berona Structured are rectangular with a structured surface and dressed edges. These slates are finished with a semi-matt acrylic Blue-Black 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.

Swisspearl Berona Structured 50

Dimension		
Width	mm	242
Length	mm	500
Thickness	mm	4.0
Physical properties		
Density, dry (EN 492)	Kg/m ³	1820
Weight	Kg/pcs.	0.88
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		Broof
Minimum pitch		25
Installed weight	kg/m ²	20.87