

Fibreclad[®]

Architectural cladding material, inspired by nature



Network
Architectural

Overview

Fibreclad fibre cement is a modern and authentic building material made from natural and environmentally friendly raw materials.

Installed as a ventilated facade system Fibreclad contributes to the energy efficiency of the building by deflecting heat as well as eliminating condensation through natural ventilation.

Additionally Fibreclad is deemed a non-combustible material in accordance with C1.9(e) of the National Construction Code and with properties such as high impact strength, no maintenance, durability, scratch and graffiti resistant Fibreclad panels are the ideal facade material.

Application

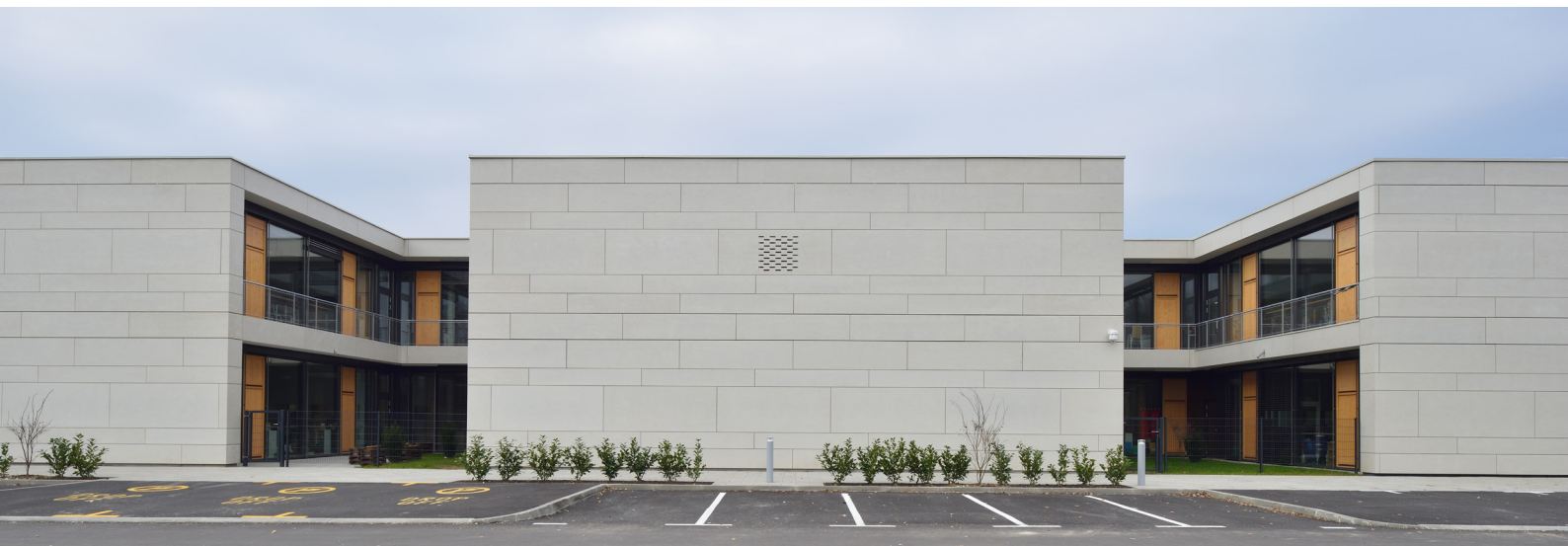
- Facades, Internal Cladding, Soffits

Advantages

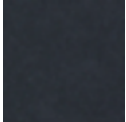

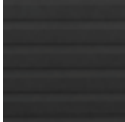





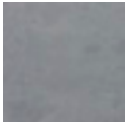

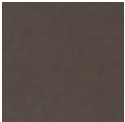
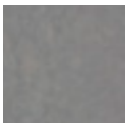




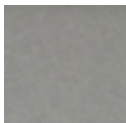
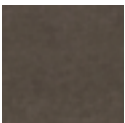

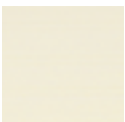

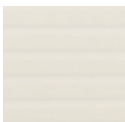




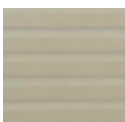
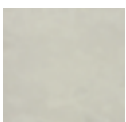
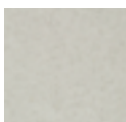
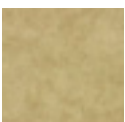
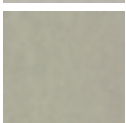
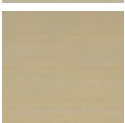
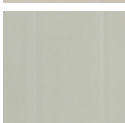
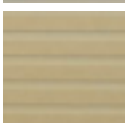
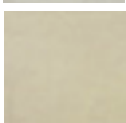
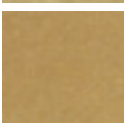
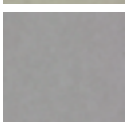

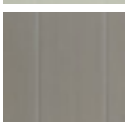
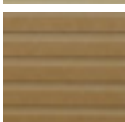
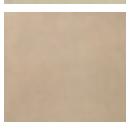
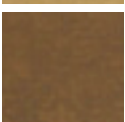
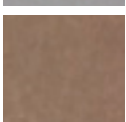



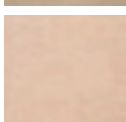
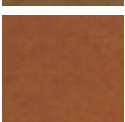
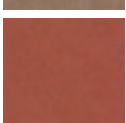


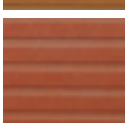
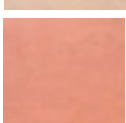
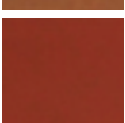
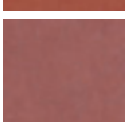

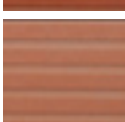
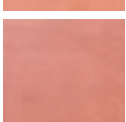
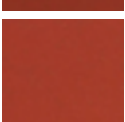



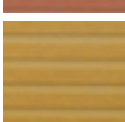
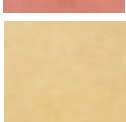

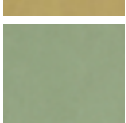


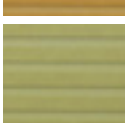
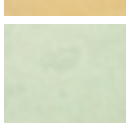

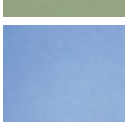
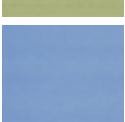
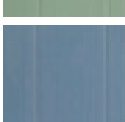
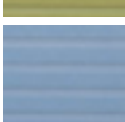

- Durability
- Coloured through panels
- Performance
- Customisation Sizes & Colours
- Perforation
- Safety non combustible
- Fixing options: Screws, Rivets and Hidden mechanical fixing
- Cost effective: Facade and Interiors with 6mm panel
- Graffiti resistant
- Maintenance Free
- Fibre glass mesh backing for increased security (stop pieces falling off on strong impact e.g.: tunnel lining, ground floor etc.)







Colours & Surfaces

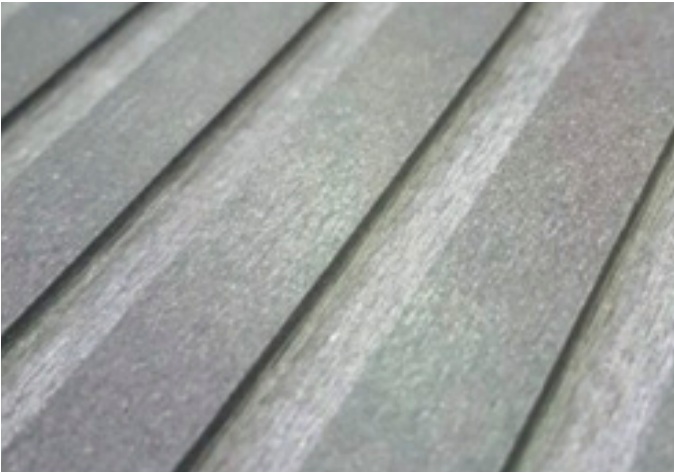
	Fibreclad	Fibreclad Groove	Fibreclad Stripes (smooth or groove panel)	Fibreclad Linear	Fibreclad Raw	Fibreclad Stone	Fibreclad Anti-Graffiti
Charcoal							
Titanium							
Concrete							
Quartz							
Pebble							
Sand							
Almond							
Jarrah							
Oxide red							
Clay							
Gold							
Eucalyptus							
Opal blue							

Surface Textures

Fibreclad



Fibreclad Linear



Fibreclad Stripes (smooth or groove panel)



Fibreclad Raw



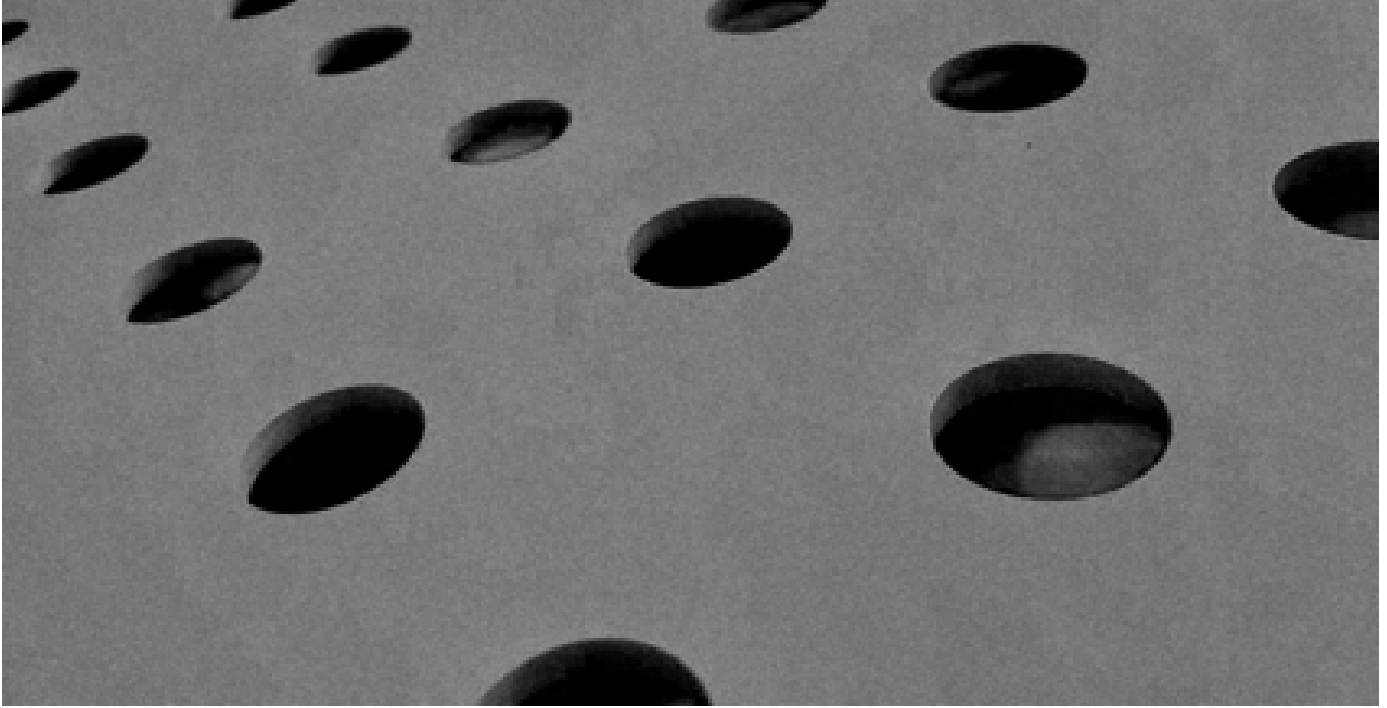
Fibreclad Groove



Fibreclad Stone



Perforation



Perforation of Fiberclad panel

Fibreclad warranty covers perforation up to 10 years as standard based on the following criteria:

- Maximum 20% of panel surface area removed
- Maximum hole diameter 100mm
- Minimum distance of 100mm from the edge and to fixings
- Distance between perforation holes is double the diameter of the hole

Fixings

Face fixings



Concealed fixing



Sizes

1200 x 2500mm — 1200 x 3000mm

Thickness mm	6	8	10	12	15	20	25	30
Weights kg/m ²	10,8	14,4	18	21,6	27	36	45	54

Technical Information

Characteristics	Fibreclad
Density (dry)	≥1,6 kg/dm ³
Max water absorption(*) - untreated sheets	≤ 25%
Max water absorption(*) - hydrophobic sheets	≤ 9%
Max water absorption(*) - UV treated sheets	≤ 3%
Natural humidity	10 ÷ 15%
Movement in extreme weather conditions/temperature and moisture conditions -5°C + 100°C; 20 + 90%	1,5 mm/m
Thermal conductivity	0,36 W/mK
Thermal expansion coefficient	0,00001 °C ⁻¹
Fire rating	class A2 - s1, d0
Freeze resistance	optimum
Oils, acids, bases, salts resistance	good
Waterproof - inalterability	absolute
Wear resistance	good
Bending strength (wet)	≥24 N/mm ²
Bending strength (dry):	
- perpendicular rupture to fibres	32 N/mm ²
- parallel rupture to fibres	22 N/mm ²
Standard sizes mm	2500 x 1200 & 3000 x 1200
Tolerances on nominal dimensions	Level 1 (±2 mm length / ±1 mm width)
Tolerances on straightness of edge	Level 1 (0,1%)
Tolerances on squareness of edges	Level 1 (2mm/m)
Tolerances on thickness for smooth sheets	±0,2 mm
Compression resistance	40 N/mm ²
Resilience	2 Nmm/mm ²
E modulus of elasticity (dry)	13.000 N/mm ²
Superior caloric power	0,14 MJ/kg
Vapour resistance factor	45
Durability classification (EN 12467:2012)	category A
Strength classification (EN 12467:2012)	class 5
CE marked prouct	EN 12467:2012

*wet over dry

Contact

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