Technical Specifications*

	fibreC 13 mm	Standard
Size	2500/1200 mm and 3600/1200 mm	
Special sizes	on request	
Dimensional variation length (3.6 m)	± 3 mm	EN 12467
Dimensional variation width (1.2 m)	± 2 mm	EN 12467
Diagonal difference up to | over 1.5 m	± 3,5 mm | ± 4 mm	DIN 18202
Diagonal difference over 2.5 m | 3.6 m	± 5 mm | ± 6 mm	DIN 18202
Thickness	13 mm	
Thickness tolerance	± 1,3 mm	EN 12467
Edge straightness (Level 1)	± 0,05 %	EN 12467
Perpendicularity (Level 1)	± 2 mm/m	EN 12467
Physical characteristics		
Tolerances facing up to 0.6 | 1.2 m	± 2 mm | ± 4 mm	DIN 18202
Tolerances facing up to 3.6 m	± 8 mm	DIN 18202
Swelling	0,384 mm/m	
Shrinkage	0,737 mm/m	
Bulk density	2,0 - 2,42 kg/dm^3	
Bending tensile strength	> 18,5 N/mm² (MOR)	EN 12467, Category 4
Elastic modulus	approx. 10.000 N/mm²	
Dead load / Mass per unit area (13 mm)	26 - 31,5 kg/m²	
Thermal expansion coefficient	10*10^(-6) 1/°k	DIN 51045
Building material class	A1 - incombustible	DIN 4102 | EN 13501
Temperature stability	according to humidity up to 350°	
Specific heat capacity	approx. 1.000 Joule / (kg * K)	
Conductivity	lambda: ca. 2,0 W / (m * K)	
Weather-resistance		
Water impermeability	given	EN 12467
Heat-rain-alternate test	given	EN 12467
Frost resistance	given	EN 12467
Frost-defrost-alternate test	given	EN 12467
UV-light resistance	light-, UV-colour pigments	DIN 12878
Hot water resistance	given	EN 12467
Wet storage resistance	given	EN 12467
Fastening visible	rivets	
Fastening not visible	adhesive, undercut anchor	
Substructure	aluminium, steel	
Joint width	min. 8 mm	

Reinforcement
With alkali-resistant glassfibres in the matrix (Cem-FIL, Approval Z-3.72-1731)

Edge formation
Cut edges are unfinished and sharp-edged with a coarseness of about 1 mm on the visible face. Glassfibres may emerge at the edges

** MOR: Modus of Rupture; Design values deviate from MOR in accordance with national rules and regulations. National approvals, rules and regulations apply to the calculation of the rated resistance.

Colours

Polar White	Sahara
Ivory	Sandstone
Silvergrey	Terra
Anthracite	Terracotta
Liquide Black	Venice Green

Surfaces

MA brushed / smooth surface, natural blushing effect
FE sandblasted: blasted at higher pressure, surface is rougher
FL sandblasted: blasted at lower pressure, surface is finer than FE

Assembling and Weather Protection

Hydrophobicity

Colour, Design & Surface

Because concrete is a natural product, each glassfibre reinforced concrete panel is regarded as a single piece. Minor differences in colour, structure and texture are characteristic. Efflorescences or small, visible pores are not defects. The light resistance varies depending on the colour. Differences in the surface appearance, which do not affect the fitness for purpose of the panels, are permitted. EN 12467 / Data sheet Exposed concrete 02/2004 [Publisher.:BDZ/DBV]

* Subject to the particular quotation documentation.

The information contained in this document and the technical description of product characteristics and the technical instructions for their use should not be interpreted as a contractual commitment on the part of the manufacturers. Despite careful inspection, no liability can be accepted for the correctness, completeness and topicality of the document. This is particularly true for typographical errors or subsequent changes to technical specifications.