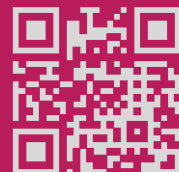


Fiber cement panels

**SFIBRAL**

# SFIBRAL Spectrum

Technical product data sheet



[sfibrals.com](https://sfibrals.com)

# SFIBRAL Spectrum

Product type	Naturally hardened grey base fiber cement panel with matt opaque coating.
Resistance to ageing and to chemicals	Similar to unreinforced concrete. Normal salted air environment (coastal areas) does not affect the functional performances of the panels.
Coating	"Visible face – water-based acrylic paint system with a uniform matt look and enhanced UV resistance. Back face – a water-based colored protection layer."
Coating layer thickness	50 µm
Colour deviation is measured according Cielab.	$\Delta E \leq 1,00$ (hardly visible with a human eye)
Usable size (maximal value) trimmed untrimmed	Length – 3070/2520 mm, Width – 1220 mm Length – 3085/2535 mm, Width – 1235 mm
Tolerances of trimmed panels (EN 12467)	Tolerances: Tolerance Level I Length - Width a: $\pm 1,5$ mm Straightness edges: 0,1 % a Squareness: 2 mm/m Thickness e : +/- 10%"
Apparent density (dry) (EN 12467)	$\geq 1.700$ kg/m <sup>3</sup>
Area density 8 mm sheet	$\pm 14,6$ kg/m <sup>2</sup>
Bending strength (EN 12467)	Class 5 ( $\geq 24$ MPa)
Modulus of elasticity (wet) (EN 12467)	14.000 Mpa
Moisture movement (30-90 %) $\perp$ (EN 12467)	0,7 mm/m
Moisture movement (30-90 %) // (EN 12467)	0,6 mm/m
Water impermeability (EN 12467)	No water drops
Heat conductivity (W/(m•K)) (EN 12467)	RL $\geq 0,75$
Frost resistance (EN 12467)	Complies with the norm
Durability against warm water (EN 12467)	RL $\geq 0,75$
Durability against soak/ dry (EN 12467)	RL $\geq 0,75$
Durability against freeze / thaw (EN 12467)	RL $\geq 0,75$
Durability against heat / rain (EN 12467)	Pass
Water absorption capacity (Average value) (EN 12467)	14 %
Fire classification (EN13501-1)	A2-s1,d0