Product dimensions

Thickness (mm)	EI (mm)	Board dimensions* (L x w) (mm)	Weight after baking (kg/m²)	Rebated sides	Rebates (mm)
30	60	1200 x 1000	22.5	2	14 x 16
45	120	1200 x 1000	34	2	22 x 23

E = Fire sealing / I = Thermal insulation

Product description

GEOTEC®SX boards, made primarily of plaster and glass fibre, are intended for passive fire protection.
These boards, in a single size of 1200 x 1000 mm (L x w) have no longitudinal rebates for ease of cutting and assembly.

Application

- Horizontal and vertical ventilation and smoke extraction ducts
- Fire-protection of service ducts and shafts
- Protection of carbon fibre bonded beams
- Protection for cable trays
- EI 60 to 120 (1 hr to 2 hr fire-break).

Implementation

GEOTEC® SX boards are assembled using adhesive and woodscrews or plaster-filled rope (interior and exterior), or using staples. They can be cut using any means.

Finish

Placed with the smooth surface facing inwards to improve the flow of air, or outwards to give a clean, finished appearance.
A water-based acrylic paint may be applied to **GEOTEC® SX** products without compromising their fire-protection properties.

Transportation and storage

Transport and store on a flat, protected surface. Keep away from water.

+ It is possible to apply a water-repellent treatment that does not alter the A1 classification by addition of water-repellent.

Characteristics of GEOTEC®SX* boards	
Reaction to fire	A1 in accordance with EN 13501-1
Nominal density (± 15%)	± 750 kg/m³
Bending strength	≥ 1.3 MPa
Compressive strength	≥ 3 MPa
pH value	approximately 8.5
Thermal conductivity coeff (λ at 20°C)	0.106 W/m.K
Resistance to water vapour diffusion (µ)	± 3
Roughness factor (ε)	0.05 mm
Cold sealing class	D
Acoustic attenuation Rw (C; Ctr)	29 (-2; -2) dB for thickness 30 mm
	31 (-1; -2) dB for thickness 45 mm
Dimensional tolerance	± 5 mm
Thickness tolerance	± 2 mm
Colour	White
Appearance	Smooth
Machinability	Excellent

* The data in this table are average values, given for information only. If certain properties are essential for some particular application, we should preferably be consulted.

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ATE 18/0343 based on EAD 350142-00-1106

ÉMISSIONS DANS L'AIR INTÉRIEUR*
A+ | A | B | C