

TECHNICAL DATA SHEET

19mm Siniat Weather Defence

Description

19mm Siniat Weather Defence is a glass fibre mat faced, gypsum-based board for use internally. The board is thicker and stronger than normal plasterboards and is also highly moisture resistant, non-combustible and fully compatible with the Siniat shaftwall framing range of metals.

Application

Internal service riser shafts requiring an enclosure system with products involved in the fire performance to be non-combustible.

Appearance

Weather Defence is coloured purple on the front face and white on the back face.

Standard Format

1200mm x 2000mm x 19mm Square Edge

Technical Properties

Mass:	Density:	Board weight:
18.8 kg/m ²	989 kg/m ³	45.1kg

Reaction to fire to EN 13501-1:

Non-combustible
Euroclass A1

Flexural Strength to BS EN 15283-1:

- Longitudinal breaking load \geq 817N
- Transverse breaking load \geq 319N

Moisture Content:

< 1%

Moisture Resistance:

Maximum water uptake after 2h total immersion in water:
< 3%

Mould Resistance:

Mould resistant with zero biodegradability

Composition

Aerated calcium sulphate di-hydrate with liners made from polymers and glass fibre with moisture and fire-resistant fillers/fibres enclosed in gypsum core.

Core and facers are bonded with starch. Edge glue is PVA. The board contains a water-resistant additive and a biocide to inhibit mould growth.

Compliance

19mm Siniat Weather Defence is manufactured to BS EN 15283-1 Types GM-F, GM-H1, GM-I.

UKCA marking displayed on boards' back prints.

Cutting and Fixing

Siniat 19mm Weather Defence may be cut using the 'score and snap' method as used with other plasterboards however the use of a powered plunged saw with a suitable dust extraction system is recommended.

The board does not require fixings as it is friction fitted within the shaftwall framing.

Sealing

The board must be sealed at its periphery using Siniat Intumescent Acoustic sealant within the 'H' shape of the Siniat CH-Studs.

Apply first Siniat Intumescent Acoustic sealant within the studs 'H' shape then friction fit the boards by sliding them in.

Health & Safety

See the board Safety Data Sheet (SDS) available on the web site.

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Please check that this is the current version by visiting the Siniat website. For archived versions please contact technical services.

ETEX BUILDING PERFORMANCE LIMITED

Gordano House, Marsh Lane, Easton-in-Gordano, Bristol, BS20 0NE
Technical Services | T: +44 (0)800 145 6033 or +44 (0)1275 377 789
E: technical.siniat@etexbp.co.uk
www.siniat.co.uk

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