

Description

Siniat Megadeco is a pre-sealed dense plasterboard for use in areas where high technical performance and easy decoration (due to elimination of a need for priming prior to decoration) is required. The board is stronger, harder and heavier than Standard plasterboard and has superior fire resistance, sound insulation and impact resistance. Board is not suitable for skimming.

Appearance

Siniat Megadeco is coloured white on the front and grey on the back, and has tapers down the long edges.

Composition

Aerated Calcium sulphate di-hydrate with fillers and fibres enclosed inside liners made from recycled waste paper with bound edges. Core and papers are bonded with starch. Edge glue is PVA.

Compliance

Siniat Megadeco complies with BS EN 520:2004+A1:2009 Type D, F, I & R.

Physical Properties

Flexural Strength to BS EN 520:

12.5 mm board

Longitudinal breaking load \geq 725 N

Transverse breaking load \geq 300 N

15.0 mm board

Longitudinal breaking load \geq 870 N

Transverse breaking load \geq 360 N

Fire, acoustic & duty performance dependent on the whole system. See Siniat Drywall Manual for Siniat system performances.

Reaction to fire:

Euroclass A2-s1, d0

Moisture Content:

< 2%

Mass:

11.0 kg/m² for 12.5 mm board

13.0 kg/m² for 15.0 mm board

Board weight:

31.7 kg for 2400 mm x 1200 mm x 12.5 mm board

37.4 kg for 2400 mm x 1200 mm x 15.0 mm board

Thermal Conductivity, λ_R :

0.25 W/mK to BS EN 12524:2000

Thermal Resistance, R:

12.5 mm = 0.050 m²K/W

15.0 mm = 0.060 m²K/W

Mean Water vapour resistance factor:

μ = 10 to BS EN 12524

Handling & Fixing

Siniat Megadeco may be cut using the 'score and snap' method. No power tools are required.

Fixings must be suitable for the intended substrate:

GTEC Performance Self Tapping Screws for attaching plasterboard to thin gauge metal (up to 0.7 mm);

GTEC Self Drilling Screws for attaching plasterboard to thick gauge metal (up to 2.5 mm);

GTEC High Thread Screws for attaching plasterboard to timber.

Jointing Finishing & Painting

Siniat Megadeco should be jointed and finished with GTEC Deco jointing systems only. The boards require no primer prior to decorating. The board is not suitable for skim plaster finish.

GTEC Megadeco V Board

GTEC Megadeco Vapour Board has the same physical properties as GTEC Megadeco Board (except Reaction to fire, see GTEC Fire V Board) but has a silver metallised polyester film back liner which enhances the vapour resistance of the product.

Health & Safety

Please refer to the Plasterboard Health and Safety Datasheet available on our website.

Individual board weight values may occasionally exceed nominal weights published in this datasheet.

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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