

TECHNICAL DATASHEET GTEC Contour Board

Description

GTEC Contour Board is a thin lightweight gypsum board with a high strength flexible core and tough paper liners, suitable for use when creating curved walls and ceilings. GTEC Contour Board is not recommended to be used as a general purpose building board.

Appearance

The board has an ivory front liner paper and a grey back liner paper. It is 6 mm thick and only available in 1200 mm wide x 2400 mm long, tapered edge.

Name and batch number of the board is written at the back and on the long edges of the board.

Composition

Aerated calcium sulphate di-hydrate enclosed inside liners made from recycled waste paper. The core is high density gypsum reinforced with chopped strands of glass fibre.

Compliance

The board complies with BS EN 520:2004+A1:2009 Type D

Physical properties

Flexural Strength to BS EN 520:

Longitudinal breaking load $\geq 260\text{N}$

Transverse breaking load $\geq 101\text{N}$

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:

5.5 kg/m²

Board weight:

15.8 kg for 2400 mm x 1200 mm x 6.0 mm board

Thermal Conductivity, λ_R :

0.25 W/mK to BS EN 12524:2000

Thermal Resistance, R:

0.024 m² K/W

Water vapour resistance factor:

$\mu = 10$ to BS EN 12524

Bending radius:

Minimum 900 mm dry, 600 mm after wetting.

Joist and stud centres - maximum 300 mm, see Drywall Manual for applications and details.

Handling & Fixing

GTEC Contour Board may be cut using the 'score and snap' method. No power tools are required.

Fixings must be suitable for the intended substrate:

GTEC 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 and painting

GTEC Contour Board should be jointed and finished with GTEC Jointing systems. Boards are suitable for gypsum finishing plasters manufactured to BS EN 13279-1:2008. The boards require priming with GTEC Universal Sealer prior to decorating.

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

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