

## 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/m<sup>2</sup>

*Board weight:*

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

*Thermal Conductivity,  $\lambda_R$ :*

0.25 W/mK to BS EN 12524:2000

*Thermal Resistance, R:*

0.024 m<sup>2</sup> 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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