

# TECHNICAL DATA SHEET

## GTEC Standard Board

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### Description

GTEC Standard Board is for use as a general drylining board.

### Appearance

GTEC Standard Board is coloured ivory on the front and grey on the back, and has tapers down the long edges.

### Composition

Aerated Calcium sulphate di-hydrate enclosed inside a tough paper with bound edges. Core and papers are bonded with starch. Edge glue is PVA.

### Compliance Authority

GTEC Standard Board complies with BS EN 520:2004+A1:2009 Type A

### Physical Properties

#### Strength to BS EN 520:

9.5 mm board

Longitudinal breaking load  $\geq$  400N

Transversal breaking load  $\geq$  160N

12.5 mm board

Longitudinal breaking load  $\geq$  550N

Transversal breaking load  $\geq$  210N

15.0 mm board

Longitudinal breaking load  $\geq$  650N

Transversal breaking load  $\geq$  250N

Fire performance and sound insulation depend on the system configuration, contact Technical Enquiryline for advice.

#### Reaction to fire:

Euroclass A2-s1,d0

#### Moisture Content:

< 2%

#### Mass:

6.0 kg/m<sup>2</sup> for 9.5 mm board

8.0 kg/m<sup>2</sup> for 12.5 mm board

10.0 kg/m<sup>2</sup> for 15 mm board

#### Thermal Conductivity, $\lambda_R$ :

0.19 W/mK

#### Thermal Resistance, R:

9.5 mm = 0.050 m<sup>2</sup>K/W

12.5 mm = 0.066 m<sup>2</sup>K/W

15.0 mm = 0.079 m<sup>2</sup>K/W

#### Mean Water Vapour Resistance factor:

$\mu$  = 10 to BS EN 12524

#### Nail & screw pull through:

> 300 N

### Jointing Finishing & Painting

GTEC Standard Board can be jointed and finished with GTEC Jointing Systems.

The boards require priming with GTEC Universal Sealer prior to decorating.

### Health & Safety

Please read the Plasterboard Health and Safety Datasheet available on our website or from Enquiryline.

#### Board weight:

17.3 kg for 2400 mm x 1200 mm x 9.5 mm board

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

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

### GTEC Vapour Board

GTEC Vapour Board has the same physical properties as GTEC Standard Board but has a silver metallised polyester film back liner which enhances the vapour resistance of the product.

#### The vapour board performance:

Water Vapour Resistance = 58.5 MNs/g

Water vapour resistance factor:

$\mu$  = 930

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