

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 $\geq 400\text{N}$
Transversal breaking load $\geq 160\text{N}$
12.5 mm board
Longitudinal breaking load $\geq 550\text{N}$
Transversal breaking load $\geq 210\text{N}$
15.0 mm board
Longitudinal breaking load $\geq 650\text{N}$
Transversal breaking load $\geq 250\text{N}$

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/m² for 9.5 mm board
8.2 kg/m² for 12.5 mm board
10.0 kg/m² for 15 mm board

Thermal Conductivity, λ_R :

L 0.19 W/mK

Thermal Resistance, R:

9.5 mm = 0.050 m²K/W
12.5 mm = 0.066 m²K/W
15.0 mm = 0.079 m²K/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:

17.2 kg for 2400 mm x 1200 mm x 9.5 mm board
23.6 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:
 $\mu = 930$

Authority



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