

TECHNICAL DATA SHEET

GTEC Moisture Board

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Description

GTEC Moisture Board is for use in moist areas where standard plasterboards are not suitable. In wet or high humidity environments GTEC Aqua Board is recommended.

Appearance

The GTEC Moisture Board is coloured green on both faces, and has tapers down the long edges.

Composition

Aerated Calcium sulphate di-hydrate with fillers, moisture resistant additives and enclosed inside a green paper with bound edges. Core and papers are bonded with starch. Edge glue is PVA.

Compliance Authority

GTEC Moisture Board complies with BS EN520:2004+A1:2009 Type H2.

Physical Properties

Strength to BS EN 520:

12.5 mm board

Longitudinal breaking load ≥ 550 N

Transverse breaking load ≥ 210 N

15 mm board

Longitudinal breaking load ≥ 650 N

Transverse breaking load ≥ 250 N

Reaction to fire:

Euroclass A2-s1,d0 to BS EN 13501-1

Moisture Content:

< 2%

Mass:

9 kg/m² for 12.5mm board

12 kg/m² for 15mm board

Moisture Resistance:

GTEC Moisture Board complies with BS EN 520 Type H2, less than 10% water absorption.

Thermal Conductivity, λ_R :

0.25 W/mK

Thermal Resistance, R:

12.5 mm = 0.05 m²K/W

15 mm = 0.06 m²K/W

Water vapour resistance factor:

$\mu = 10$ to BS EN 12524

Impact resistance to BS 5234-2 depends on the system according to appendix B

12.5 mm Medium duty

15 mm Heavy duty

Jointing Finishing & Painting

GTEC Moisture Board can be jointed and finished with Lafarge jointing systems.

The boards require priming with GTEC Universal Sealer prior to decorating and treating with PVA bonding agent before plastering.

Health & Safety

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

Board weight:

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

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

GTEC Moisture V Board

The GTEC Vapour Moisture Board has the same physical property than the GTEC Moisture Board but has a silver metallised polyester film back liner which enhances the vapour resistance of the product.

Mean Water Vapour Resistance in MNs/g = 58.5

Authority

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