

Description

Securtex is a dense plasterboard with integrated mesh for use in areas where high levels of sound insulation and burglar attack resistance are critical.

Appearance

Securtex is coloured ivory on the front, grey on the back, and has tapers down the long edges. Text markings on the tapers and centre of board state 'Securtex'.

Composition

Aerated calcium sulphate di-hydrate with fillers and fibres enclosed inside tough liner papers with bound edges. Core and papers are bonded with starch. Fibreglass mesh is embedded in the core towards the rear face. Edge glue is PVA.

Compliance Authority

Securtex complies with BS EN 520:2004+A1:2009 Type D, F, I and R.

Securtex is tested to LPS1175 Security Rating 1 and certified to achieve Secured by Design status in double layered systems, contact Technical Services for approved systems.

Physical Properties

Strength to BS EN 520:

Longitudinal breaking load $\geq 870\text{N}$

Transverse breaking load $\geq 360\text{N}$

Fire Performance and sound insulation (R_w and/or R_w+C_{tr}) depend on the system, contact Technical Services for advice or see brochure/literature.

Reaction to fire:

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

Moisture Content:

$< 2\%$

Mass:

13.5 kg/m^2

Moisture Resistance:

Securtex is not a moisture resistant board.

Thermal Conductivity, λ_R :

0.25 W/mK

Thermal Resistance, R:

$0.06\text{ m}^2\text{ K/W}$

Mean Water vapour resistance factor:

$\mu = 10$ to BS EN12524 standard.

Impact resistance to BS 5234-2 depends on the system:
Severe Duty in double layer system.

Jointing Finishing & Painting

Securtex can be jointed and finished with any of the GTEC Jointing systems. It can be plastered on either side using single coat proprietary gypsum finishing plasters not less than 2mm thick.

Health & Safety

Please read the Plasterboard Health and Safety guidance available on our website or from Technical Services

Board weight:

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

44 kg for 2700 mm x 1200 mm x 15.0 mm board

49 kg for 3000 mm x 1200 mm x 15.0 mm board

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