

TECHNICAL DATASHEET

Siniat LaDura

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Description

Siniat LaDura is classified as a gypsum board. It is used where high performances with regards to strength, robustness, impact, finishing quality, acoustics insulation, fire resistance and moisture resistance are required. The board is stronger, harder and heavier than standard plasterboards.

Appearance

The Siniat LaDura is coloured white / grey on both faces and has tapers down the long edges. Wood particles (size from 0 to 3 mm) are visible in the core.
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 with fillers, glass fibres, wood fibres (~5% of dry mass) and hydrophobic additives enclosed inside liners made from recycled waste paper with bound edges. Core and papers are bonded with starch. Edge glue is PVA.

Compliance

The board complies with BS EN 520:2004+A1:2009 Type D, F, H1, I & R.

Physical Properties

Flexural Strength to EN 520:

12.5 mm board

Longitudinal breaking load ≥ 725 N

Transverse breaking load ≥ 300 N

15.0 mm board

Longitudinal breaking load ≥ 870 N

Transverse breaking load ≥ 360 N

Reaction to fire:

Euroclass A2-s1, d0 (EN 520 - Commission Decision 2006/673/EC)

Water vapour resistance factor:

$\mu = 10$ (BS EN 12524)

Moisture Resistance:

Siniat LaDura complies with BS EN 520 Type H1 (less than 5% water absorption).

Mass:

12.8 kg/m² for 12.5 mm board

15.0 kg/m² for 15.0 mm board

Board weight:

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

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

Thermal Conductivity, λ_R :

0.25 W/mK (BS EN 12524)

Thermal Resistance, R:

12.5 mm = 0.050 m² K/W

15 mm = 0.060 m² K/W

Handling & Fixing

Siniat LaDura may be cut using the 'score and snap' method. No power tools are required.

Siniat Performance Self Tapping screws to be used for thin metal gauge (up to 0.7 mm);

Siniat Self Drilling Screws for attaching plasterboard to thick gauge metal (up to 2.5 mm);

Siniat High Thread Screws for attaching plasterboard to timber.

Jointing Finishing & Painting

Siniat LaDura should be jointed and finished with any of the Siniat Jointing systems. Boards are suitable for gypsum finishing plasters manufactured to BS EN 13279-1:2008. The boards require priming with Siniat Universal Sealer prior to decorating and treating with PVA bonding agent before plastering.

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.

Please check that this is the current version by visiting the Siniat/Promat website. For archived versions please contact technical services.

Version	Date of Publication	Revision
1.0.0	08/13/2013	Original document
1.0.1	09/12/2019	Product Name change – GTEC LaDura to Siniat LaDura
2.0.0	12/06/2025	Board type E removal and other product name changes – GTEC to Siniat. Technical data removed.

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