

TECHNICAL DATASHEET

SINIAT VivaCycle

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Description

Siniat VivaCycle is a Type A plasterboard featuring a 100% recycled gypsum core, providing a simple and more sustainable solution while promoting the circular economy through resource recovery and reuse.

Appearance

Siniat VivaCycle is coloured brown on the front and brown on the back and has tapers down the long edges.

The name and batch number of the board is written on the long edges of the board.

Composition

Aerated Calcium sulphate di-hydrate enclosed inside liners made from recycled paper with bound edges. Core and papers are bonded with starch. Edge glue is PVA.

Compliance

Siniat VivaCycle complies with BS EN 520:2004+A1:2009 Type A

Physical Properties

Flexural Strength to BS EN 520:

12.5 mm board

Longitudinal breaking load $\geq 600\text{N}$

Transversal breaking load $\geq 210\text{N}$

Fire, acoustic & duty performance dependent on the whole system. See siniat.co.uk for system performances.

Reaction to Fire:

Euroclass A2-s1, d0

Moisture Content:

< 2%

Mass: 9.5 kg/m² for 12.5 mm board

Board weight:

34.2 kg for 3000 mm x 1200 mm x 12.5 mm board

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

Thermal Conductivity, λ_R :

0.25 W/mK

Thermal Resistance, R:

12.5 mm = 0.05 m²K/W

Mean Water vapour resistance factor:

$\mu = 10$ to BS EN 12524

Handling & Fixing

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

Fixings must be suitable for the intended substrate:

Siniat Self Tapping Screws for attaching plasterboard to thin gauge metal (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 VivaCycle should be jointed and finished with 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.

Health & Safety

Please refer to the Plasterboard Health and Safety Datasheet available on siniat.co.uk.

Individual board weight values may occasionally exceed nominal weights published in this datasheet.

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