

Siniat Solidtex



Description

High Performance multi-purpose plasterboard produced with HDC (High Density Crystallisation) technology, composed of a high-density gypsum core (1200 kg/m³) reinforced with glass fibers, encased in special paper liner. Solidtex is complaint to EN520 (type D, E, F ,H,1, 1, R)

Applications

Construction of walls and linings whether high strength sound insulation of loads, moisture resistance and/or fire resistance are required.

Board colour

-  Faced with grey coloured paper
-  Reverse faced with brown coloured paper

Features

Type of gypsum plasterboard	D E F H1 I R
Nominal thickness	12.5mm
Nominal width	1200mm
Nominal length	3000mm
Thickness tolerance	± 0.5mm
Width tolerance	0/-4mm
Length tolerance	0/-5mm
Edge Type	Taper
Squareness tolerance	≤ 2.5mm/m
Weight	15kg/m ²

Board printing

Edge – product name, board thickness x width x length, edge type
Reverse – standard and certification



Performance

Fire Protection	Board linings provide good fire protection owing to the unique behavior of the non-combustible gypsum core when subjected to high temperatures
Reaction to fire test performance	Solidtex systems have been tested according to SANS 10177-part T
Thermal conductivity	$\Lambda = 0.25 \text{ W/mK}$
Surface water absorption	< 180 g/m ²
Total water absorption	5%
Flexural breaking load	
Longitudinal direction	>725N
Transverse direction	>300N
Surface hardness (diameter of the depression)	< 15mm
Sustainability	
Recyclability	100%
Recycled content	>32%* (Corfinio plant)
Duty Rating	Severe
Fixing directly into Solidtex (without noggins)	Indirect fixing Duopower M8x40 and M10x50 testing to BS 5234-2

Jointing Finishing & Painting

Siniat Solidtex can be jointed and finished with any a Siniat Jointing compound or full skimmed with EasyLite Multipurpose skimming plaster.



General storage, handling, and installation instructions

Storage:	store in dry, flat conditions. Ensure safe stacking up to maximum 4 packs (or 3 metres). Use suitable handling equipment to avoid damage when lifting.
Handling:	boards shall always be handled from the stack by two persons and then be transported vertically.
Cutting:	boards can be cut with knife (score and snap) or with electrical saw for plasterboards.
Screwing	use plasterboard screws adapted to the metal frame thickness.
Jointing:	Siniat Jointing Compound to be used for taped and joint
Sanding:	after joints dried sand manually with sandpaper
Painting:	after jointing, boards receive decoration

Health and Safety

Please read the Plasterboard Health and Safety Data Sheet available on our website. www.siniat.co.za

