

Siniat FireCheck 12.5mm and 15mm



Description

Siniat FireCheck consists of an aerated gypsum core with glass fibre and other additives encased in, and firmly bonded to, strong paper liners. **Siniat FireCheck** is a plasterboard that is suitable for drylining internal surfaces.

Intended use

Construction of walls and linings whether where additional fire resistance is required.

Board colour

-  Faced/decorative side with pink coloured paper
-  Reverse faced with brown coloured paper

Features

	Fire resistant
Type of gypsum plasterboard	
Nominal thickness	12.5mm and 15.00mm
Nominal width	1200mm
Nominal length	3600mm 3000mm 2700mm 2400mm
Thickness tolerance	± 0.5mm
Width tolerance	0/-4mm
Length tolerance	0/-5mm
Edge Type	Taper
Squareness tolerance	≤ 2.5mm/m
Weight 12.5mm 15.0mm	10.1kg/m ² 13.4kg/m ²



Board printing

Edge – Siniat, product name, board thickness x width x length, edge type

Reverse – standard and certification manufacturing date and time

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	Systems ranging from 60 min to 120 min tested to SANS 10177-part T
Thermal conductivity 12.5mm	R 0.056m ² K/W K 0.21 W/m0K
Thermal conductivity 15mm	R 0.059m ² K/W K 0.25 W/m0K
Breaking load 12.5mm <ul style="list-style-type: none"> Longitudinal direction Transverse direction 	>500N >180N
Breaking load 15mm <ul style="list-style-type: none"> Longitudinal direction Transverse direction 	>650N >220N
Nail pull out strength daN	30-60

Jointing Finishing & Painting

Siniat FireCheck plasterboard 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.
Repair:	Minor damage: sand the surface lightly to remove any burrs and fill with two applications of Siniat Jointing Compound
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

Limitations of use:

Siniat FireCheck is not suitable for use in temperatures above 49° C and is also not suitable for any areas with continuous direct exposure to water.

Health and Safety

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

