

## 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 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 <sup>2</sup> 13.4kg/m <sup>2</sup>

### Board printing

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

Reverse – standard and certification manufacturing date and time



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## 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 <sup>2</sup> K/W K 0.21 W/m0K
Thermal conductivity 15mm	R 0.059m <sup>2</sup> K/W K 0.25 W/m0K
Breaking load 12.5mm <ul style="list-style-type: none"> <li>• Longitudinal direction</li> <li>• Transverse direction</li> </ul>	>500N >180N
Breaking load 15mm <ul style="list-style-type: none"> <li>• Longitudinal direction</li> <li>• Transverse direction</li> </ul>	>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:	<b>Minor damage:</b> 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



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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.etexgroup.co.za](http://www.etexgroup.co.za)



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