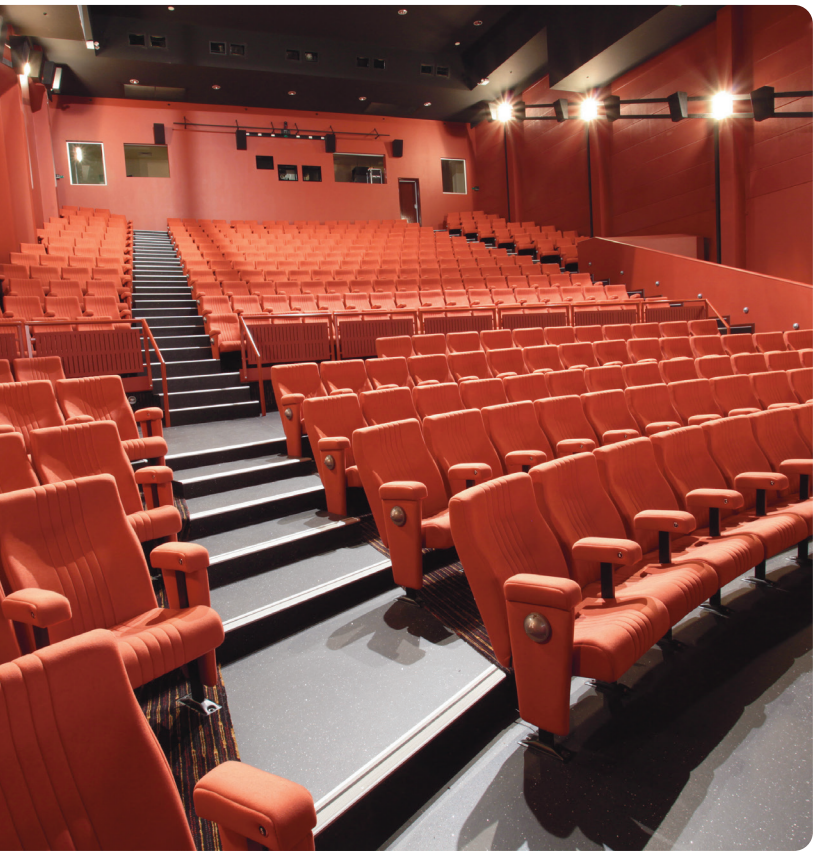
siniat

product
data sheet



fireshield can be used in commercial, industrial or residential applications where a FRL is required.

fireshield h

fireshield h is **fire**shield with improved impact resistance due to a higher density where improved resistance to incidental impacts is desired. When used in a system, it can meet the Fire Rating requirements for walls required by the Building Code. **fire**shield h has ivory liner paper and performs well in systems where impact and acoustic properties are also required.

application

Refer to Siniat technical literature or online system selector for the full range of **fire**shield wall systems.

key benefits

- high fire resistance to meet Building Code requirements
- good acoustic performance
- enhanced resistance to marks, scores, dents and holes

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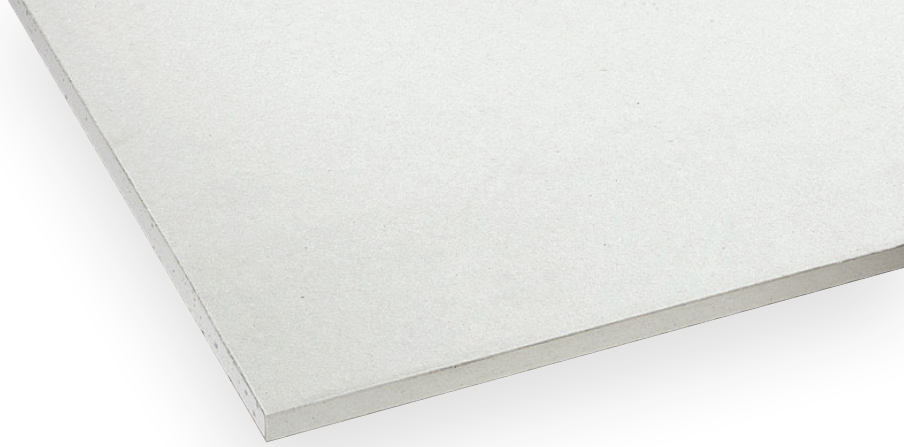

product information

	thickness(mm)	width (mm)	length (mm)	weight* (kg/m²)
sheet size	13	1350#	3600	11.8
		1370#	3600	
fire hazard properties	Group 1 with an Average Specific Extinction Area <250 m²/kg determined in accordance with AS 5637.1 as required by NCC C1.10, Clause 4.			
combustibility	May be used wherever a non-combustible material is required according to the Building Code of Australia (BCA) C1.9 (e)			
volatile organic compounds	Less than 0.5 mg/m³ TVOC			
hazards identification	Non-hazardous according to WHS Regulations and the ADG Code			

* Weights indicated are nominal
# Minimum quantity and additional costs may apply for special sizes

performance

Fire

Fire Resistance Levels (FRLs) of up to 240 minutes when used in Knauf systems.

Sound

Good acoustic performance.

Impact

Increased density for better impact resistance.

Fire
fireshield h systems can achieve 30 to 180 minute Fire Resistance Levels in accordance with the BCA and AS1530.4, *Fire resistance tests for elements of construction*. **fire**shield h may be used to substitute **fire**shield in any Siniat wall system and maintain the FRL. All fire rated plasterboard systems in Siniat Technical Literature have been independently tested or assessed by accredited fire testing authorities.

Impact
Small hard body impact resistance has a strong relationship to plasterboard density. Small hard body impact resistance is measured by dropping a 50mm (510g) steel ball from various heights onto 400mm square plasterboard samples supported on a frame. **fire**shield h has a higher density to provide improved resistance to small hard body impacts, such as those experienced in hospital and school corridors.

Sound
fireshield h has good sound insulation performance and it can be substituted for 13mm FireShield in any system and maintain the sound insulation performance.

Installation
Install **fire**shield h using the 'Fastener Only Method' for all systems requiring a Fire Resistance Level. Refer to the latest Siniat Blueprint on the website for complete installation instructions.

All Siniat products have been developed to meet the specific needs of the Australian market. Products manufactured in Australia comply with quality systems certified as complying with AS/NZS ISO 9001:2008 and meet the requirements of AS/NZS 2588, Gypsum Plasterboard.

Certified System
Quality
ISO 9001
SAI GLOBAL

The following Siniat products have been independently certified by Global GreenTag to GreenRate Level A: **masta**shield, **fire**shield, **fire**shield h, **sound**shield, **water**shield, **span**shield, **multi**shield, **curve**shield, **opal**, **tru**rock and **tru**rock hd. Compliance certificates are available on siniat.com.au.

GREEN TAG CERTIFIED
GreenRate Level A
trust brands

All Siniat plasterboard and metal products are available on the Siniat Carbon Neutral Opt-In program to help you meet your sustainability goals. Visit siniat.com.au to find out more.

Climate Active
Carbon Neutral
PRODUCT

Disclaimer
Products manufactured and systems designed by Etex Australia Pty Ltd and branded Siniat, are produced in accordance with the Building Code of Australia and relevant Australian Standards. Information in this document is to be used as a guide only and is subject to project approval as many aspects of construction are not comprehensively covered. It is also the responsibility of the project to determine if Siniat's products and systems are suitable for the intended application. Etex Australia Pty Ltd will not be held responsible for any claims resulting from the installation of its products or other associated products not in accordance with the recommendations of the manufacturer's technical literature or relevant Australian Standards. Siniat technical information is regularly updated. To ensure this document is current with the latest information, visit siniat.solutions

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10 year warranty

warranty

Siniat's products are guaranteed by a 10 Year Warranty.
For details visit siniat.com.au

technical advice
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