siniat

product
data sheet

multishield

performance plasterboard

multishield is a plasterboard with the combined benefits and properties of **fire**shield and **water**shield as well as mould resistance. It is suitable for use in wet areas, Interhome systems and external walls behind cladding where an FRL (Fire Resistance Level) is required. **multi**shield has recycled blue liner paper.

application

multishield is suitable for **fire**shield systems where the lining must also be water resistant, such as external fire rated walls and wet areas that are part of a separating wall. Wet areas include bathrooms, showers, toilets and laundries.

16mm **multi**shield is recommended for laminating to the **inter**shield of **inter**home systems; in the roof space and other areas.

multishield systems can satisfy the requirements of AS 3959, *Construction of buildings in bushfire prone areas* for elements of construction within subfloor supports, under floors and external walls.

multishield is an ideal substrate for tiles in wet areas.

key benefits

- meets the requirement for fire, water and mould resistant applications
- single lining solution avoiding extra layers or lining types
- multishield can be substituted into fireshield systems and maintain fire and acoustic performance

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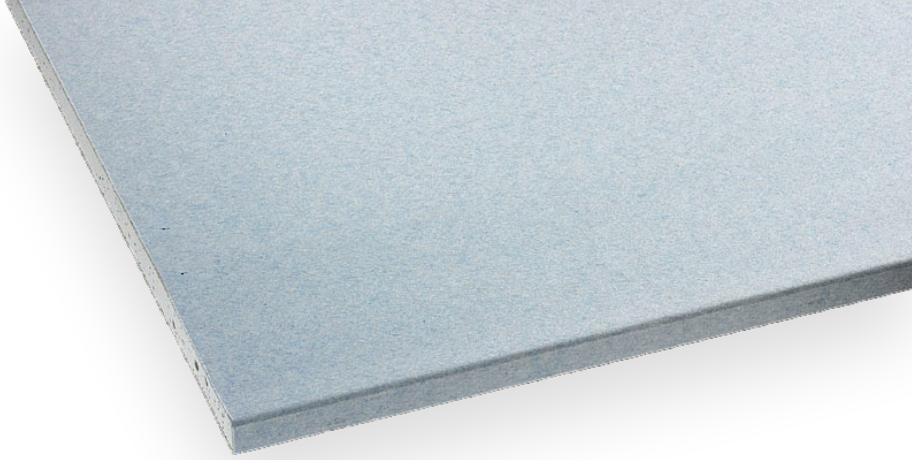

product information

	thickness (mm)	width (mm)	length (mm)		weight* (kg/m²)
			3000	3600	
sheet size	13	1200	•	•	10.7
	16	1200	•	•	13.0
		1350	•		
fire hazard properties	Group 1 with an Average Specific Extinction Area <250 m²/kg determined in accordance with AS 5637.1 as required by National Construction Code (NCC) Vol 1 S7C4 [2019: Spec C1.10 (4)]				
combustibility	May be used wherever a non-combustible material is required according to the National Construction Code (NCC) Vol 1 C2D10 (6)(a) [2019:C1.9]				
hazards identification	Non-hazardous according to WHS Regulations and the ADG Code				

* Weights indicated are nominal.

performance

Fire

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

Water

Meets the requirements of AS/NZS 2588 for water resistant plasterboard.

Sound

Good acoustic performance.

Mould

The mould resistance technology used in **multi**shield dramatically reduces mould growth under severe conditions.

Fire
multishield systems can achieve 30 to 240 minute Fire Resistance Levels in accordance with the BCA and AS1530.4, *Fire resistance tests for elements of construction*. **multi**shield may be used wherever **fire**shield has been nominated in Siniat literature such as Blueprint - Technical Manual for steel framed wall and ceiling systems and maintain the fire and sound resistance ratings.

Water
multishield is manufactured to high internal standards that meet or exceed the requirements for water resistant gypsum board within Australian Standard AS/NZS 2588, *Gypsum Plasterboard*. The installation of **multi**shield in accordance with Siniat wet area installation instructions complies with the requirements from AS 3740 and the BCA (Building Code of Australia) for wet areas.

Installation
Install **multi**shield 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.

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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 plasterboard meet the requirements of AS/NZS 2588, Gypsum Plasterboard.

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.

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.

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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warranty

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

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