



impactshield



impactshield offers protection against hard and soft body impacts to minimise marks, dents, and holes. It has the added benefit of fire resistance and enhanced acoustic performance.

When used in a system, it can meet the Fire Rating requirements for walls required by the Building Code of Australia.

impactshield has green liner paper. It performs well in systems where impact and acoustic properties are also required.

application

impactshield is a perfect fit for schools, shopping centres or community spaces where impact resistance is required.

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

key benefits

- high impact resistance against incidental damage
- impactshield can substitute 13mm fireshield in any fire and acoustic rated system
- good acoustic performance



product information

	thickness (mm)	width (mm)	length (mm)	weight* (kg/m ²)
sheet size	13	1200 [#]	3000	11.8
		1200 [#]	3600	
		1370 [#]	Custom	
fire hazard properties	Group 1 with an Average Specific Extinction Area < 250 m ² /kg determined in accordance with AS 5637.1 as required by NCC S7C4 [2019: C1.10 Clause 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]			
volatile organic compounds	Less than 0.5 mg/m ³ TVOC			
hazards identification	Non-hazardous according to WHS Regulations and the ADG Code			

* Weights indicated are nominal.

[#] Special order only. Minimum order quantities and lead times may apply.

performance

Impact

A high density core and thick liner paper provide great impact resistance.

Fire

Fire Resistance Levels (FRLs) of up to 180 minutes when used in Siniat systems.

Sound

Good acoustic performance.

Impact

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. **impactshield** has a high density for resistance to small hard body impacts, such as those experienced in hospital and school corridors.

Fire

impactshield 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*. **impactshield** may be used to substitute **fireshield** in any Siniat system and maintain the FRL. All fire rated plasterboard systems in Siniat Technical Literature have been independently tested or assessed by accredited fire testing laboratories.

Sound

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

Installation

Install **impactshield** 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.

about us

Siniat is one of the Etex Group's flagship commercial brands, and one of the leading global manufacturers of interior and exterior materials for drywall construction.

The Etex Group is a global family-owned business based in Belgium with a history going back to 1905.

In Australia, Etex has Siniat manufacturing facilities located in Sydney, Melbourne, Bundaberg, Perth and Brisbane and supplies steel framing, plasterboard, compounds, cornice and associated products and systems to the Australian building industry through its national distribution network.



All manufacturing plants are certified to the most current versions of the ISO management system standards for Health & Safety, Quality and Environmental Management: ISO 9001:2015 certification for quality management systems, ISO 14001:2015 certification for environmental management systems and ISO 45001:2018 certification for health & safety management systems.



All plasterboard products made in Australia have been independently certified by Global GreenTag to GreenRate Level A. Siniat's certified plasterboard products can achieve 100% Green Star points for sustainable building projects.



Etex Australia Pty Ltd

ABN 61 003 621 010
31 Military Road, Matraville
NSW 2036

siniat.com.au



warranty

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

technical advice
AU 1300 724 505



A wide range of Siniat plasterboard and metal products made in Australia are available under the Siniat Carbon Neutral Opt-In program to help you meet your sustainability goals. Visit siniat.com.au to find out more.

Siniat offers a range of technical solutions for the professional, including:



offers an online system selector and custom design specification proposal, developed by us and catering to your project requirements.



is a range of online calculation tools for the professional. Explore on siniat.com.au.

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 owner 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.com.au