

InterShield

Mould Resistant ShaftLiner



PRODUCT DATA SHEET

Benefits

- > Mould resistance
- > Water resistance
- > InterShield can substitute ShaftLiner in any Knauf system and maintain fire and acoustic performance



InterShield is recommended for InterHome separating wall systems between townhouses and duplexes.

InterShield is a 25mm thick, solid plasterboard that has been formulated to resist sound and fire as well as providing enhanced water and mould resistance. It is suitable for use in Knauf Shaftwall and InterHome systems where an FRL (Fire Resistance Level) is required. InterShield has recycled blue liner paper.

Product Information

SHEET SIZE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)		WEIGHT* (kg/m ²)
			3000 [#]	3600 [#]	
	25	600	•	•	20.5
COMBUSTIBILITY	Classified as non-combustible according to BCA Section C1.9				
VOLATILE ORGANIC COMPOUNDS	Less than 0.5 mg/m ³ TVOC				
HAZARDS IDENTIFICATION	Not classified as hazardous according to the criteria of NOHSC Australia				

* Weights indicated are nominal

Minimum quantity and additional costs may apply for special sizes

Application

InterShield is used in systems such as InterHome and Shaftwall which provide fire and acoustic separation. It is also a component in specialist commercial systems such as horizontal shaftwalls and column and beam protection systems.

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Performance



Fire

FRLs up to -/240/240 when used in Knauf systems.



Sound

Used in systems to provide very high sound resistance (up to $R_w + C_{tr} 57$ when used in Knauf systems).



Mould

The mould resistance technology used in InterShield is enhanced by a water resistant additive. Together these unique features dramatically reduce mould growth under severe conditions.



Fire

InterShield can substitute ShaftLiner in any Knauf System to achieve Fire Resistance Levels of up to -/240/240 in accordance with AS1530.4
Fire resistance tests for elements of construction.

Refer to the InterHome Manuals or Knauf Blueprint for system FRLs.

Mould resistance

InterShield includes a mould inhibitor and water resistant additive that protects the surface and core against mould growth. The mould resistance technology used in InterShield dramatically reduces mould growth, as shown by testing to ASTM D3273 Resistance to Growth of Mould on the Surface of Interior Coatings in Environmental Chamber.

Sound

InterShield has good sound insulation performance and can substitute 25mm Knauf ShaftLiner in any system and maintain the acoustic performance.

Installation

InterShield is usually installed into H-studs or CH-studs according to specific system requirements.

Refer to the website for Knauf Blueprint or InterHome manuals for complete installation instructions.



Quality
ISO 9001

SAI GLOBAL

InterShield is manufactured in Australia in accordance with quality systems certified as complying with AS/NZS ISO 9001:2008 and meets the requirements of AS/NZS 2588, Gypsum Plasterboard.

Warranty

Knauf's products are guaranteed by a 10 Year Warranty. For details visit knauf.solutions

Technical Advice

AU 1300 724 505