

TECH DATA

Benefits

- Non-hazardous, water resistant solution and protects framing members against water damage
- Easy to install and repair compared with other water resistant internal lining materials
- Lower risk of cracking and fewer control joints required compared with other water resistant internal lining materials
- Smoother finish and easy to paint
- Certified for use in Green Star projects



WaterShield can be used in bathrooms and showers as a substrate for tiles.

WaterShield is a water resistant plasterboard designed for use in internal wet areas and as a substrate for tiles. WaterShield is lined with recycled blue paper.

Product Information

SHEET SIZE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	WEIGHT* (kg/m ²)
	10	1200	2400, 2700, 3000, 3600, 4200	7.6
		1350	3600, 4800	
	13	1200	2700, 3000	9.7
FIRE HAZARD PROPERTIES	Group 1 material according to the requirements of BCA Section C1.10 Fire Hazard Properties Average Specific Extinction Area < 250 m ² /kg as required by BCA Specification C1.10a, Clause 3(c) Group 1S according to NZBC Performance Clause 3.4(a)			
COMBUSTIBILITY	Classified as non-combustible according to BCA Section C1.12			
VOLATILE ORGANIC COMPOUNDS	Less than 0.5 mg/m ³ TVOC			

* Weights indicated are nominal

Application

WaterShield is used as a water resistant wall and ceiling lining in wet areas such as bathrooms, showers, toilets and laundries.

Other WaterShield applications include garage ceilings and for soil and waste pipe acoustic systems where water resistance is also required.

WaterShield may also be used as the wall lining for indoor swimming pools provided a waterproof membrane is applied over the wall.

WaterShield can be used within systems that require certified plasterboard to achieve 100% points in the relevant categories for Green Star projects.



TECH DATA

Performance



Water

WaterShield is manufactured to high internal standards that meet or exceed the requirements for water resistant gypsum board within AS/NZS 2588, *Gypsum Plasterboard*.

The installation of WaterShield in accordance with Knauf wet area installation instructions complies with the requirements from AS 3740, *Waterproofing of Wet Areas within Residential Buildings* and the Building Code for wet areas.

The Building Code requires wet area construction to protect the occupants from dangerous or unhealthy conditions and to protect the building from damage.

Installation

WaterShield is installed using the 'Fastener Only Method' in tiled areas. Masonry adhesive and stud adhesive is not permitted in tiled areas.

In areas that are not tiled, WaterShield may be installed using the 'Fastener and Stud Adhesive Method'.

For all plasterboard joints, corners and fastener heads use MastaBase or MastaLongset and cover with BindEx Waterproof Membrane dependent on the type of wet area. Refer to Table 1 for the wet area installation requirements. Refer to the latest Knauf Technical Manual on the website for complete installation instructions.

Wet Area Installation Requirements

Table 1.

AREA	LEVEL OF RISK	WALLS	JUNCTIONS	PENETRATIONS +
Shower area	High	Water resistant	Waterproof	Waterproof
Bathrooms	Medium	-	Waterproof ^	-
Areas adjacent to baths and spas	Medium	Water resistant	Waterproof	Waterproof *
Walls adjoining other vessels	Low	Water resistant	Waterproof	Waterproof
Laundries and WCs	Low	-	Waterproof ^	-
Bathrooms and laundries requiring a floor waste	High	-	Waterproof ^	Waterproof

+ Including mechanical fixing or fasteners

^ Applies to wall/floor junctions only

* Horizontal surface waterproof, vertical surface water resistant



Quality ISO 9001

SAI GLOBAL

WaterShield 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*.



WaterShield has been independently certified by Global GreenTag to GreenRate Level A, recognised by the GBCA for Materials and VOC credits, and by the NZGBC.

Warranty

Knauf's products are guaranteed by a 10 Year Warranty.

For details visit

knaufplasterboard.com.au
knaufplasterboard.co.nz

Technical Advice

AU **1300 724 505**

NZ **0800 884 326**