

Technical Data – Plasterboard

SHAFTLINER™ MOULDSTOP



Description

Shaftliner™ MouldStop (MS) panels are specially manufactured plasterboard developed for use in Knauf systems such as Partiwall®, IntRwall™ and Shaftwall™ systems. Shaftliner MouldStop panels provide fire, water and mould resistance for many critical applications.

Board Specification

Feature	Description
Board Thickness	25mm
Edge Profiles	Bevelled edge
Paper Colour	Ivory
Mass (nominal)	20.5 kg/m ²
Sheet Size Length	3000 mm 3600 mm
Fire Hazard Properties	Group 1 – in accordance with BCA Specification C1.10 Fire Hazard Properties – Floors, Walls and Ceiling
Combustibility	Non-combustible material as defined in BCA Deemed-to-Satisfy Provisions C1.9
VOC	Less than 0.5mg/m ³ TVOC
GECA	Yes
Manufacture	Manufactured in Australia to the requirements of AS/NZS 2588:2018 Gypsum plasterboard and in accordance with AS/NZS ISO 9001:2015 – Quality management systems – Requirements

Advantages

- Fire resistance
- Mould resistance
- Lightweight construction
- Acoustic performance
- Water resistance



Performance Details

Fire

Shaftliner™ MouldStop was fire tested and certified by BRANZ to meet the requirements of the National Construction Code (NCC).

- Shaftliner MS contributes to the Fire Resistance Level when used in fire-rated systems. Refer to Technical Bulletin for details and limitations

Fire tested to achieve the least fire hazard Group Number for wall and ceiling materials as defined by NCC (BRANZ report No. FH 15783).

Acoustic

Shaftliner MS, when used in a fire-rated system, can also provide required levels of sound insulation to achieve specified acoustic ratings.

Mould

Shaftliner MS contains the added advantage of mould resistance and showed zero signs of mould growth when tested in accordance with ASTM D3273 and ASTM G21.

Structural

- Shaftliner™ MS systems comply to the relevant Deemed-to-Satisfy provisions of BCA Specification C1.8 Structural Tests for Lightweight Construction
- Exceeds compliance criteria for BCA resistance to impact test to ASTM E695-03
- Exceeds compliance criteria for BCA resistance to static pressure test to ASTM E72-15

Wet Area

- Shaftliner™ MS is manufactured to exceed water resistant grade gypsum plasterboard requirements of AS/NZS 2588: 2018 Gypsum Plasterboard
- Meets deemed to comply requirements of the NCC and AS 3740:2021 Waterproofing of domestic wet areas when installed to Knauf plasterboard wet area installation details

Installation

Refer to Knauf website www.knaufapac.com/au/plasterboard or call TecASSIST on 1800 811 222

Sustainability

- Shaftliner MS is manufactured using 100% recycled liner paper
 - Shaftliner MS has been independently certified by Good Environmental Choice Australia (GECA) and complies with requirements of GECA 04-2011 v2 – Panel Boards Standard
 - Independently tested for VOC and formaldehyde
 - The use of Shaftliner MS may contribute credit points when assessed under various Green Star Rating Tools
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Waste Management

Waste collection services are available to divert acceptable plasterboard waste away from land fill for recycling or re-processing for other uses. For information on waste collection services available, please contact your local Knauf office.

Indoor Environment Quality

Knauf plasterboard products have been independently tested to confirm compliance with Green Star specification limits for VOCs and are formaldehyde free.

References

Refer Knauf.com for Material Safety Data Sheet, Volatile Organic Compound Emission details and Fire Test Report information.

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