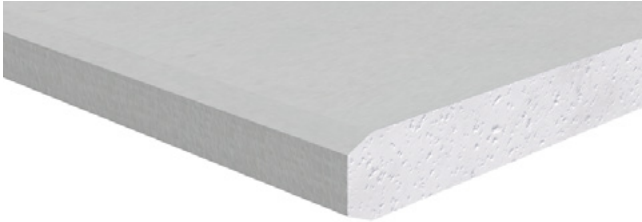


SHAFTLINER™ MOULDSTOP

Specialty Board



Feature	Specification
Nominal Thickness	25 mm
Edge Profile	Bevelled edge
Paper Colour	Ivory
Nominal Mass	20.5 kg/m ²
Fire Hazard Properties	Group 1 – as per the NCC Specification S7C4 Fire Hazard Properties – Walls and Ceilings, determined in accordance with AS 5637.1:2015
Combustibility	Non-combustible material as defined in NCC C2D10 Non-combustible building elements
VOC	Less than 0.5 mg/m ³ TVOC
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
Application	<ul style="list-style-type: none"> Residential projects in separating townhouses Used in Inter-tenancy walls, elevator shafts, service risers, utility shafts, stairwells, 2 directional fire-rated ceiling systems Shaftliner MouldStop is intended to be used in conjunction with Knauf Systems where it has been tested and certified ensuring reliable lightweight system performance in these applications

Description

Shaftliner MouldStop is a specially manufactured fire-resistant plasterboard designed to provide essential fire protection for elevator shafts, vertical ducts, and other applications where installation is possible from one side only. It is recommended to use Shaftliner MouldStop as part of Knauf systems, such as PartiWall, IntRwall, and Shaftwall, or on its own with professional advice. With its fire, acoustic, water and mould resistance, Shaftliner MouldStop is ideal for high-performance construction.

Engineered for performance and sustainability, it offers a highly durable and certified solution for critical wall applications in multi-residential, commercial, and high-rise construction.

Advantages

- Fire resistance
- Water resistance
- Mould resistance
- Acoustic performance
- Lightweight construction
- GECA certified
- Environmental Product Declaration (EPD)
- Product Aware registered
- Climate Active Opt-In certified (Carbon Neutral)

Key

✓ Fire Resistant

✓ Water Resistant

✓ Mould Resistant

Lightweight

✓ Acoustic Performance

Echo Reduction

Impact Resistant

High Impact Resistant

Very High Impact Resistant

Ultimate Impact Resistant

Mesh Reinforced

Flexible

Block Basic Radiation

Performance Details

Limitations

- Should not be exposed to prolonged temperatures in excess of 52°C
- Not suitable for direct support of heavy loads

Fire Resistance

Shaftliner MouldStop was fire tested and certified by BRANZ in accordance with AS 1530.4 to meet the requirements of the National Construction Code (NCC) and contributes to Fire Resistance Level when used in fire-rated systems.

Fire tested to achieve group number classification 1, the average specific extinction area less than the 250 m²/kg limit as defined by NCC.

Water Resistance

Shaftliner MouldStop 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.

Mould Resistance

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

Acoustic Performance

Shaftliner MouldStop can provide required levels of sound insulation to achieve specified acoustic ratings when used in an acoustic system. Refer to Systems+ manual for information.

Structural

Shaftliner MouldStop wall systems comply to the relevant Deemed-to-Satisfy provisions of NCC Specification 6 Structural Tests for Lightweight Construction.

- Exceeds compliance criteria for NCC resistance to impact test to ASTM E695-03
- Exceeds compliance criteria for NCC resistance to static pressure test to ASTM E72-15

Installation, Jointing and Finishing

Knauf has a comprehensive range of jointing and adhesives compounds in premixed or powder form to meet market needs and varying climatic conditions. Apply appropriate painting system or other finishes as recommended for the required level of finish and application. This product data sheet does not provide plasterboard installation, jointing and finishing details. Refer to Knauf Plasterboard Installation Manual or knauf.com for further information.

Indoor, Environment, Quality

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

References

For detailed information on Volatile Organic Compound (VOC) emissions and fire test reports, please visit knauf.com.

Safety and First Aid

For detailed safety information, including handling, storage, and first aid guidance, please visit the relevant product page on knauf.com to access the safety datasheet and additional resources.

Sustainability

Knauf plasterboards are manufactured from a combination of natural gypsum, and paper liner made from reclaimed and recycled paper waste. Plasterboard waste can be reclaimed and recycled into new plasterboard or reused as soil conditioner.

Knauf Shaftliner MouldStop is listed in Product Aware and has GECA, Climate Active Opt-In certification and independently verified EPD that may contribute to Green Star credit points. For more information refer to Green Building Council of Australia.



Technical Resources



Plasterboard
Installation
Manual



CAD Library



eSelector

Technical Assistance

TecASSIST™ 1800 811 222

Sales Enquiries

1800 003 377

knauf.com

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