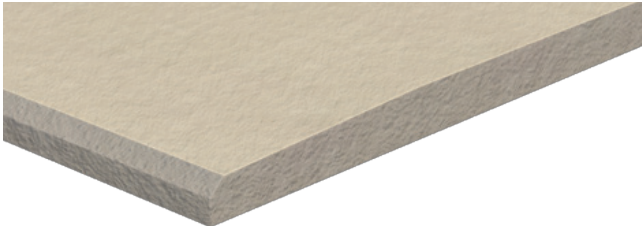


FIBEROCK® Aqua-Tough™



Performance Board



Feature	Specification
Nominal thickness	12.70 mm (½" IMP) & 15.88 mm (⅝" IMP)
Edge Profile	Recessed edge
Surface finish	Smooth, paper-less
Nominal Mass	12.70 mm (½" IMP) – 11.7 kg/m ² 15.88 mm (⅝" IMP) – 15.1 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 tested to AS 1530.1-1994 - Combustibility test for materials
VOC	Less than 0.5 mg/m ³ TVOC
Manufacture	Manufactured in USA to meet the requirements of ASTM C1278 Standard Specification for Fiber-Reinforced Gypsum Panel
Applications	<ul style="list-style-type: none"> Fire-rated and high-impact areas, such as lobby or corridor; health or education facilities including isolation rooms, hospital corridors, prisons, offices, gyms, apartments, basement, car parks Wet areas: bathrooms, kitchens, laundries, basements; mould resistant Enhances acoustics: cinemas, schools, apartments Suitable for high-wind external soffits Commercial kitchens (not near commercial catering appliances)

Description

FIBEROCK Aqua-Tough is a high-performance gypsum fibre board designed for demanding environments. Its paperless, homogenous composition ensures durability, making it ideal for high-traffic areas, wet areas, and applications requiring fire and acoustic performance. With a fire, mould, and water-resistant core, it achieves an FRL of up to -/120/120.

Suitable for interior walls and ceilings, it meets National Construction Code (NCC) requirements. It can also be used in ceilings protected from direct rain, such as soffits, and as a flooring underlay with selected Knauf systems. Easy to cut and install with minimal waste, FIBEROCK Aqua-Tough is a practical, durable solution.

Environmentally friendly, it is made from 95% recycled waste, reclaimable for landfill, features low embodied energy, and is non-toxic, supporting sustainable construction.

Advantages

- Ultimate impact resistance (hard body and soft body) vs. plasterboard
- High mass ensures superior noise control, ideal for intertenancy walls
- Strong, flat surface for decoration with machine-cut edges
- Excellent for paint, vinyl, laminates, and abrasion-resistant coatings
- Supports tile weight up to 50 kg/m²
- Paperless design resists scratches, tears, delamination, and mould
- Fixtures can be attached without screwing into studs or noggings
- Superior water and mould resistance
- Simplifies installation, reusable, low wastage, and efficient for builders to reuse off-cuts
- Tape and set with Knauf compound to join seamlessly with Knauf plasterboard

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

Soft Body Impact Resistance

FIBEROCK Aqua-Tough wall systems comply to the relevant Deem-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

Hard Body Impact Resistance

FIBEROCK Aqua-Tough is subject to extensive hard body impact testing.

- Testing was conducted by a pendulum swing of a 100 mm diameter 4.0 kg steel ball on a 3.0 m axis against the wall specimen
- An example of hard body impact is a bump by a hospital trolley or an intentional kick to wall surface
- Testing conducted by Knauf NATA accredited Laboratory. Resistance to Impact – Test Report No HB 20120415-01

Fire Resistance

FIBEROCK Aqua-Tough 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.

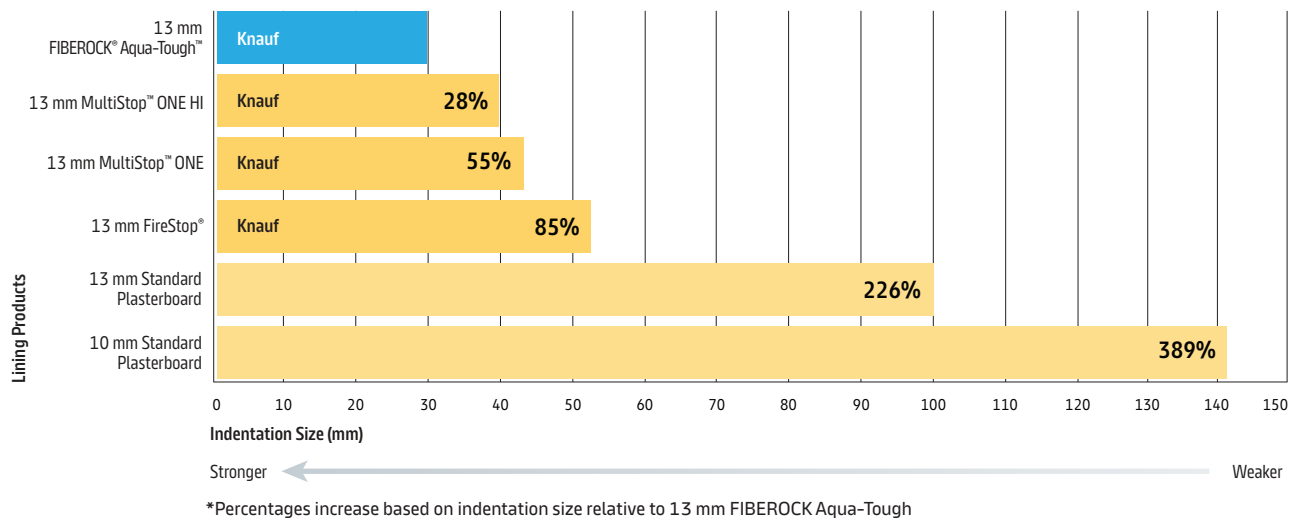
Fire tested to achieve group number classification 1, the average specific extinction area less than the 250 m²/kg limit as defined by NCC.

Water Resistance

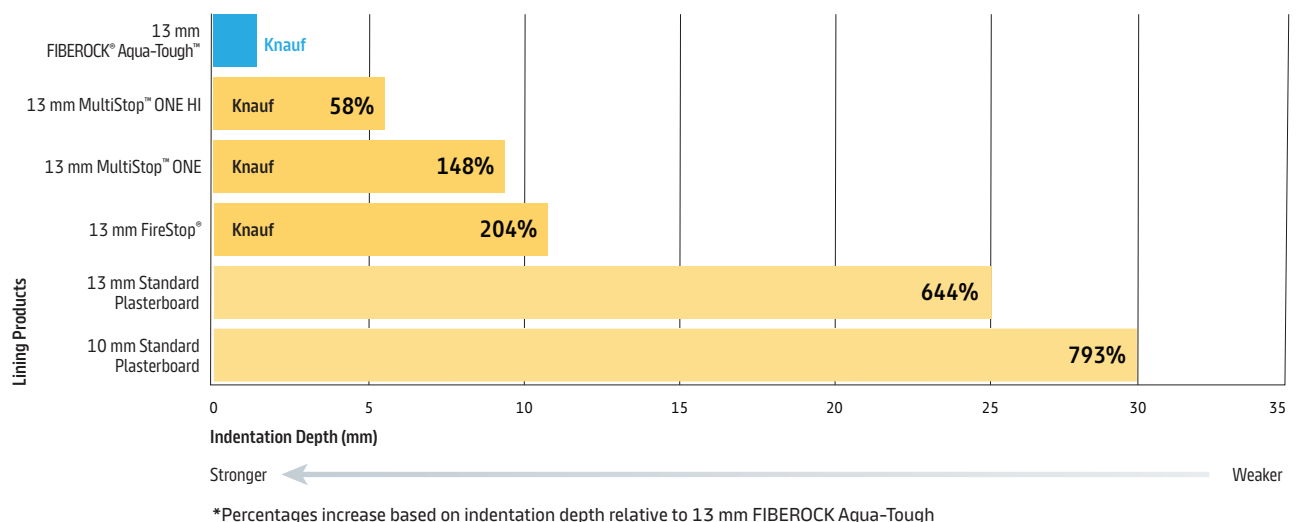
FIBEROCK Aqua-Tough is manufactured to exceed water resistant grade gypsum plasterboard requirements of AS/NZS 2588:2018 Gypsum Plasterboard.

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.

Size of Surface Indentation for Hard Body Impact



Depth of Surface Indentation for Hard Body Impact



Performance Details Continued

Mould Resistance

The cellulose reinforcement within FIBEROCK Aqua-Tough is not a readily available food source for mould because it is processed under high temperature and pressure and also because it is dispersed throughout the material – away from everyday water which remains on the sheet surface. FIBEROCK Aqua-Tough scored the top score of 10 in the ASTM D3273 test for resistance to mould formation.

Acoustic Performance

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

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 Gypsum boards, 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/en-AU/p/products to access the safety data sheet and additional resources.

Sustainability

With 95% recycled content, FIBEROCK Aqua-Tough is listed in Product Aware and is Good Environmental Choice Australia (GECA) certified, contributing to Green Star ratings and environmental building standards and may contribute to Green Star credits when assessed under various Green Star rating tools.



Technical Resources



Plasterboard
Installation
Manual



CAD Library



eSelector

Technical Assistance:

TecASSIST™ 1800 811 222

www.knauf.com

Sales Enquiries:

1800 003 377

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