

Tensorgrip®

H21

2 PART EXPANDING
FOAM KIT

IMPORTANT

Check temperatures
before use!

CANISTER TEMPERATURE

16° – 32°C

SURFACE TEMPERATURE

16° – 32°C

AIR TEMPERATURE

16° – 32°C

TECHDATA

PRODUCT DESCRIPTION

TensorGrip® H21 2 Part Expanding Foam Kit is a professional-grade, portable multipurpose expanding sealant. The H21 is a 2-part PU component foam that is suitable for use in Hard Rock mining and construction repairs. It serves as an airtight sealant, effectively insulating, filling, and sealing gaps and voids and can be used for various purposes such as sealing around ventilation structures, sealing cable bolt holes prior to grouting, small cavity filling, and containment barriers in underground mining. Additionally, it is suitable for the insulation industry, including renovations, new insulations, movie props, and special effects applications. This high-quality product is manufactured in Australia and boasts a closed cell structure of over 92%.

SUITABLE FOR

- Commercial buildings
- Residential properties
- Hard rock mining
- Movie props
- Shipping containers
- Vans and camper vans
- Metal frame house builds
- Industrial maintenance

DIRECTIONS FOR USE

IMPORTANT – READ ALL DIRECTIONS AND SAFETY DATA ON BOX BEFORE USE. ALWAYS WEAR GLOVES, EYE PROTECTION AND WORK CLOTHES. USE DROP CLOTHS.

- Apply ONLY in temperatures between 16° – 32°C.

PREPARATION: To promote adhesion, surface must be clean, dry, and free of all foreign material.

All substrate surfaces should be above 16°C for at least 24 hours prior to application. Variance outside of the recommended temperature can drastically affect the adhesion and yield of your foam kit.

CLEAN-UP: If wet foam contacts skin, clean immediately with a dry rag – do not use water – water accelerates curing. Cured foam must be removed mechanically from surfaces. Uncured foam can be cleaned from most surfaces with Foam Cleaner or acetone.

If foam dries on skin, apply generous amounts of petroleum jelly, put on plastic gloves and wait 1 hour. With a clean cloth, firmly wipe off residue and repeat process if necessary. DO NOT use acetone or other solvents to remove product from skin.

STORAGE & DISPOSAL: Keep container tightly closed in a cool, well-ventilated area. Store upright below 33°C. Do not expose containers to conditions that may damage, puncture, or burst the containers.

Dispose of leftover material / containers in accordance with national regulations.

Know how to set-up your canisters by scanning on the QR Code



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CHEMICAL TECHNICAL DATA

Yield	7 Litre approx. 17.7m ² @ 25mm Cubic Yield* is 0.4425m ³ 22 Litre approx. 56.64m ² @ 25mm Cubic Yield* is 1.416 m ³ <i>*based on theoretically testing.</i>
Dry Time	120 seconds @25°C
Cure Time	approx. 1 hour
Application Temperature Range	It is very important to apply in temperatures between 16 °C – 32 °C
Temperature Tolerance	-100°C - +100°C
Cutable	2 – 5 minutes
ASTM D1622 Core Density	28.0kg/m ³ +/- 2.0 kg/m ³
ASTM D6226 Closed Cell Content	+ 92%
ASTM C518-2021 Thermal Conductivity 50/90 mm	0.037 w/m.k
ASTM C518-2021 R value	50mm R1.35 90mm R2.45
ASTM D1621 Compressive strength	75 kpa
ASTM D2126 Dimensional stability, %Vol	-0.2 @ 20°C +3.1 @ 70°C
ASTM E96 water vapour transmission	2.48g/hr.m ²
Shelf Life	12 Months from date of manufacture
AS/NZS 1530.3-1999 Early Fire Hazard	
Regulatory Indices: Ignitability Index Spread of Flame Index Heat Evolved Index Smoke Developed Index	18 Range 0 - 20 8 Range 0 - 10 5 Range 0 - 10 7 Range 0 - 10

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