

Description

One part, moisture curing expanding polyurethane foam.

Colour

White

Packaging

750 ml pressurised canister (12 per carton)

Technical Information

| Property | Test Method | Result |
|-----------------------------------|------------------------|---|
| Composition | | Polyurethane Foam |
| Fire Classification | DIN 4102-1 | B3 |
| Water Absorption | EN 1609 | 0.2 kg/m ² |
| Application Temperature: | | +5°C to +30°C |
| Canister Application Temperature: | | -3°C to +35°C |
| Density | LAB 015 | 15 - 25 kg/m ³ |
| Tack Free Time | LAB 001 | 10 minutes |
| Cutting Time | FICA TM 1005 | 45 minutes |
| Loading Time | | 24 hours |
| Compressive Strength (10%) | FICA TM 1011 | 11 kPa |
| Elongation at Break | ISO 527 | 50% |
| Thermal Conductivity | EN 12667 | 36 mW/m.K |
| Maximum Acoustic Rating | EN ISO 140-1 : 2005-03 | 60 dB |
| Maximum Allowable Deformation | | 35% |
| Service Temperature | | Short Term: -40°C to +130°C Long Term: -40°C to +90°C |
| Storage | | Store in shaded dry conditions between +5°C and +25°C. Store canisters upright. The product is contained in a pressurised container - observe storage instructions and do not apply heat. |
| Shelf Life | | 9 months when stored as recommended in original unopened containers. |

Necessary Tools

- illbruck foam gun, cutting knife, tape for masking of adjacent areas and AA290 PU Foam Cleaner to clear gun after use. Unstable areas may need to be clamped or secured during curing.

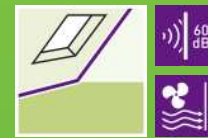
Preparation

1. Always carry out a test to confirm compatibility prior to use.
2. Protect floor coverings with paper or a plastic film.
3. The surfaces must be dry, solid, stable and capable of carrying the load of the panels to be installed.
4. Remove all loose particles, dust and grease.
5. A speedier cure can be attained by moistening the substrates if needed.



FM330

Pro Foam Air Seal



Usage / Purpose

FM330 is ideal for use as an air tight gap filler for general construction joints. It is suitable for applications such as sealing floor to wall and wall to ceiling joints and pipe & service penetrations. The movement accommodation factor (MAF) of 35% ensures that the integrity of the seal is maintained in the event of movement and settlement.

Key Benefits

- A high performance PU foam with excellent acoustic and airtight performance
- Airtight formulation - tested to ISO 6589
- Acoustic dampening - up to 60 dB joint insulation index
- Elastic performance - up to 35% movement accommodation ensures integrity of the seal in the event of movement
- Sub-zero formulation - can still be used at temperatures as low as -3°C

Application

1. Shake the canister vigorously at least 20 times. Remove the protective cap and screw canister onto the illbruck PU foam gun.
2. Invert can and direct nozzle into gap, pressing gently on the trigger to establish the correct flow rate.
3. Joints should be underfilled to allow for post expansion of the foam. Fill to approximately 80% of joint depth for optimum results.
4. For best results always work with the canister in a vertical position and keep the valve pointed downwards.
5. On horizontal surfaces always work away from the exuding bead and work upwards on all vertical surfaces.
6. When filling deep joints apply in layers, waiting until each layer has skinned and partially cured before applying the next.
7. Applying a light misting of clean water between each layer before subsequent application will assist adhesion and cure speed.

Cleaning

Clean the gun by removing the foam canister and replacing with a can of AA290 PU Foam Cleaner. Remove excess foam immediately with AA290 PU Foam Cleaner or acetone. Ensure any substrate requiring cleaning is solvent resistant before proceeding. Cured foam can only be removed mechanically.

Please Note

FM330 is not UV resistant and should be protected from sunlight with a suitable opaque sealant, filler or paint. As with all PU foams, it does not bond to polythene, Teflon®, siliconised or wax-like surfaces.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

tremco illbruck has a team of experienced Technical Service Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Service on 01942 251400.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which

has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. tremco illbruck Ltd. reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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