

CI/SfB		Yt4	
CAW P22			
Uniclass L6751: P7112			

## Description

FM617 is a one part, moisture curing, expanding polyurethane foam.

## Colour

Green

## Packaging

540 ml pressurised canister (12 per carton)

## Technical Information

Property	Test Method	Results
Composition		Polyurethane Foam
Fire Classification	DIN 4102-1	B3
Water Absorption	EN 1609	0.2 kg/m <sup>2</sup>
Application Temperature: Canister		+10°C to +30°C
Application Temperature: Ambient		-10°C to +35°C
Density	LAB 015	20 - 30 kg/m <sup>3</sup>
Tack Free Time	LAB 001	10 minutes
Cutting Time	FEICATM 1005	60 minutes
Loading Time		24 hours
Compressive Strength (10%)	FEICATM 1011	52 kPa
Elongation at Break	ISO 527	28%
Thermal Conductivity	EN 12667	36 mW/m.K
Maximum Acoustic Rating	EN ISO 140-1 : 2005-03	60 dB
Service Temperature		Short Term: -40°C to +130°C Long Term: -40°C to +90°C
Storage		Store in shaded dry conditions between +10°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		12 months when stored as recommended in original unopened containers.

## Necessary Tools

- Cutting knife, tape for masking of adjacent areas. Unstable areas may need to be clamped or secured during curing.

## Preparation

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



**FM617**

**Handy Foam 360°**



## Usage / Purpose

FM617 is suitable for hard-to-reach gap filling, bonding and insulation applications. These include sealing around overhead joints/penetrations, roofing joists/rafters, pre-fitted kitchen units and similar hard-to-reach joints.

## Key Benefits

- Ideal for filling, sealing and insulation of joints and gaps in hard to reach building and construction joints
- Features the award-winning illbruck cap system to provide ease of use, accuracy and 360° application
- High yield formula, overfilled canister and conical straw combine to achieve maximum yield from a single can
- Rapid curing formulation: foam is tack free within 10 minutes, and can be cut or trimmed within 60 minutes

**Application**

- Shake the canister vigorously at least 20 times. Leaving the cap on the can, screw the nozzle firmly into the connector on the top of the trigger. Remove safety catch and pull the trigger to activate can.
- Joints should be underfilled to allow for post expansion of the foam. Fill to approximately 50% of joint depth for optimum results.
- FM617 can be used in any 360° orientation.
- When filling deep joints apply in layers, waiting until each layer has skinned and partially cured before applying the next.
- Applying a light misting of clean water between each layer before subsequent application will assist adhesion and cure speed.

**Cleaning**

Remove excess foam immediately with AA290 PU Solvent Cleaner or acetone. Ensure any substrate requiring cleaning is solvent resistant before proceeding. Cured foam can only be removed mechanically.

**Please Note**

FM617 is not UV resistant and should be protected from sunlight using 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 Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services 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 Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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