

CI/SfB		Yt4
CAW P22		
Uniclass L6751:P7112		

## Description

FM610 is a one part, moisture curing, expanding polyurethane foam.

## Colour

Green

## Packaging

750 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:		+10°C to +30°C
Canister Application Temperature:		+10°C to +35°C
Ambient Density	LAB 015	20 - 30 kg/m <sup>3</sup>
Tack Free Time	LAB 001	10 minutes
Cutting Time	FICA TM 1005	60 minutes
Loading Time		24 hours
Compressive Strength (10%)	FICA TM 1011	37 kPa
Elongation at Break	ISO 527	18%
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.



## FM610

### Handy Foam



### Usage / Purpose

FM610 is suitable for general gap filling, bonding and insulation applications. These include the perimeter sealing and fixing of windows and doors, sealing of service penetrations and sealing around insulation panels.

### Key Benefits

- Ideal for filling, sealing and insulation of joints and gaps in a variety of building and construction applications
- Patented conical straw system increases yield by up to 15% compared to standard PU foam
- Forms a strong bond to concrete, brickwork, stone, plaster, wood, fibre concrete, metal, PVC and polystyrene
- 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. Remove the cap and screw the nozzle firmly into the connector on the top of the can.
- Joints should be underfilled to allow for post expansion of the foam. Fill to approximately 50% of joint depth for optimum results.
- For best results always work with the canister in a vertical position and keep the valve pointed downwards.
- 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

FM610 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 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.

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