

CI/SfB		Yt4
CAW P22		
Uniclass L6751: P7112		

## Description

One part, rapid, moisture-curing expanding polyurethane foam which is gun applied and has excellent elasticity, air tightness and acoustic properties. Excellent adhesion to brick, block, stone, plaster and cementitious materials as well as wood, metal and a variety of plastics. The low post-expansion facilitates greater control during application.

## Colour

White

## Packaging

750 ml pressurised canister (12 per carton)

## Technical Information

Property	Test Method	Results
Composition		Polyurethane Foam
Fire Classification	DIN 4102-1	B3
Yield		34 litres
Water Absorption	EN 1609	0.2 kg/m <sup>2</sup>
Density	LAB 015	15 - 25 kg/m <sup>3</sup>
Tack Free Time	FEICATM 1014 at 23°C & 50% RH	10 minutes
Cutting Time		45 minutes
Loading Time	FEICATM 1005	24 hours
Air Tightness		< 0.1 m <sup>3</sup> /(h.m) at ±1000 Pa
Movement Capability	EN 12114 FEICATM1013	50%
Compressive Strength (10%)	FEICATM 1011	11 kPa
Elongation at Break		50%
Thermal Conductivity	FEICATM 1018 EN 12667	36 mW/m.K
Maximum Acoustic Rating	EN ISO 140-1 :	63 dB
Application Temperature	2005-03 Canister: Ambient:	+5°C to +30°C -3°C to +35°C

Short Term: -40°C to +130°C  
Long Term: -40°C to +90°C

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 in original unopened containers.

Shelf Life

## Necessary Tools

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

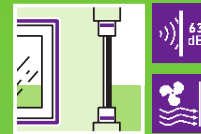
## Protective Equipment

USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.



## FM330

## Pro Foam Air Seal



### Usage / Purpose

FM330 is ideal for use as an air tight gap filler for general construction joints including where movement is expected to occur.

It is suitable for applications such as airtight window and door perimeter joint seals, sealing floor to wall and wall to ceiling joints and pipe & service penetrations.

### Key Benefits

- A high performance PU foam with excellent acoustic and airtight performance
- Airtight formulation- tested to EN 12114
- Acoustic dampening- up to 63 dB joint insulation index
- Elastic performance - up to 50% movement capability ensures integrity of the seal in the event of movement
- Sub-zero formulation- can still be used at temperatures as low as -3°C
- Low post-expansion facilitates more accurate application depth

## Pro Foam Air Seal

### Preparation

- Always carry out a test to confirm compatibility prior to use.
- Protect floor coverings with paper or a plastic film.
- Remove all loose particles, dust and grease.
- A speedier cure can be attained by moistening the substrates if needed.

### Application

- Shake the canister vigorously at least 20 times. Remove the protective cap and screw the gun carefully onto the canister.
- Invert can and direct nozzle into gap, pressing gently on the trigger to establish the correct flow rate.
- Joints should be underfilled to allow for post expansion of the foam. Fill to approximately 80-90% of joint depth for optimum results. FM330 exhibits low post-expansion compared with typical PU foams, which makes application to the appropriate depth into the joint easier.
- For best results always work with the canister in a vertical position and keep the valve pointed downwards.
- On horizontal surfaces always work away from the exuding bead and work upwards on all vertical surfaces.
- 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

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. Extremely flammable - keep away from open flames and other ignition sources.

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#### 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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