

Tremco illbruck FM 330

(Formerly illbruck Elastic Foam)

Polyurethane Foam for Filling & Sealing of Airtight Joints & Penetrations

KEY BENEFITS SUMMARY

- MAF of approximately 35%
- Economic solution for airtight and water-resistance sealing
- Permanently soft and flexible foam that allows joint movement
- Provides driving rain resistance to 650Pa
- Low post expansion prevents distortion of building cladding panels
- No sealant top coating required in areas that are shielded for UV light
- Excellent sound barrier
- Improves thermal insulation
- Easy to cut when cured

PRODUCT INFORMATION

DESCRIPTION

A single component PU foam particularly suitable for ensuring an airtight perimeter seal around the windows and doors. It is also an ideal choice for sealing floor to wall and wall to ceiling joints; the movement accommodation factor (MAF) of 35% ensures that the integrity of the seal is maintained in the event of movement and settlement.

USAGE/PURPOSE

As an air tight gap filler and water resistant seal in:

- Door and window frames
- Top of wall joints
- Beam of roof joints
- Wall to roof joints
- Service penetrations

PACK SIZE

750ml

PRODUCT CODE

275020

COLOUR

White

TECHNICAL INFORMATION

Description	Method	Classification
Fire Class	DIN 4102 Part 1	B3
Type of Foam		Gun Grade
Propellants		Ozone Friendly
Curing System		Moisture Curing
Mechanical Properties		Flexible
Recommended Application Temperature		+5°C to +30°C
Ideal Canister Temperature		+20°C
Fill Joint		Up to 80%
Air Tightness	DIN 18542 / NEN1026	1.3m³/h@650Pa
Weather Tightness	DIN 18542/NEN1027	650 Pa
Density	LAB015	15 – 20 kg/m³
Tack Free Time 3cm in width	LAB 014	8 minutes
Cutting Time 3cm in width	LAB 014	45 minutes
Yield	LAB037	28 to 32 litres per 700ml
Thermal Conductivity	DIN 52615	25 to 30 mW/m.K
Tensile Strength	DIN 53455	65 kPa
Elongation at Break	DIN 53455	50 %
Temp Resistance Long-Term		-40°C to +90°C
Temp Resistance Short Term		-40°C to +130°C
Cell Structure		Fine/Closed
Water Absorption	DIN 53428	0.3% (v/v)
Canister Volume		700ml
Packaging		12 x 700ml / ctn

Data measured at 23°C and 50% RH

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USAGE GUIDELINES

SURFACE PREPARATION

- The surfaces must be dry and capable of bearing considerable load.
- Remove all loose particles, dust and grease.
- If necessary, moisten the surfaces to be adhered to before applying the foam.
- Shake the can vigorously at least 20 times before use
- Screw the gun on to the canister in accordance with the instructions

METHOD OF APPLICATION

- Always handle the canister with the valve pointing downwards
- The trigger on the gun and the flow adjustment screw can adjust the PU-foam flow

STORAGE

Store in shaded dry conditions at temperatures between +5°C and +25°C

SHELF LIFE

9 months when stored as recommended

CLEAN UP

Clean tools before hardening with Xylene

HEALTH & SAFETY PRECAUTIONS

The Material Safety Data Sheet (MSDS) must be read and understood prior to use.

TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

GUARANTEE/WARRANTY

TREMCO products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.