

illbruck FM 330

Polyurethane Foam for Filling & Sealing of Airtight Joints & Penetrations

PRODUCT 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

FEATURES & BENEFITS

- 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.



PACKAGING

750ml

COLOURS

White

SHELF LIFE

9 months when stored as recommended in original unopened packaging.

STORAGE

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

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
Fire Class	DIN 4102 Part 1	B3
Type of Foam	N/A	Gun Grade
Propellants	N/A	Ozone Friendly
Curing Systems	N/A	Moisture Curing
Mechanical Properties	N/A	Flexible
Application Temperature	N/A	+5°C to +30°C
Ideal Canister Temperature	N/A	+20°C
Fill Joint	N/A	Up to 80%
Air Tightness	DIN 18542/NEN 1026	1.3m ³ /h@650Pa
Weather Tightness	DIN 18542/NEN 1027	650Pa
Density	LAB 015	15-20kg/m ³
Tack Free Time 3cm in Width	LAB 014	8 Minutes
Cutting Time 3cm in Width	LAB 014	45 Minutes
Yield	LAB 037	28 to 32 litres per 700ml
Thermal Conductivity	DIN 52615	25 to 30 mW/m.K
Tensile Strength	DIN 53455	65kPa
Elongation at Break	DIN 53455	50%
Temp Resistance Long-Term	N/A	-40°C to +90°C
Temp Resistance Short-Term	N/A	-40°C to +130°C
Cell Structure	N/A	Fine/Closed
Water Absorption	DIN 53428	0.3% (v/v)

Data measured at 23°C and 50% R.H.

SUBSTRATE PREPARATION

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

METHOD OF APPLICATION

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

CLEAN UP

Clean tools before hardening with Xylene.

HEALTH & SAFETY PRECAUTIONS

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

TECHNICAL SERVICE

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

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