

ErgoMaxx High-Yield Insulation Foam

Product description

A unique concept in PU foams, thanks to the combination of a special formula, an innovative nozzle design and a new, ergonomically formed cap. ErgoMaxx is easy to apply and typically gives double the number of metres of foam compared to an average can.

Material

A one component, moisture curing, polyurethane foam.

Colour

- green

Product advantages

- highly efficient
- low post-expansion
- precise dosage
- 360° usage
- easy and comfortable to use
- less hand strain

Packaging

- 500 ml tinfoil can



illbruck ErgoMaxx High-Yield Insulation Foam

Technical data illbruck ErgoMaxx High-Yield Insulation Foam

	DIN	Classification
Building material class	4102	B3
Base material		polyurethan-prepolymer
Cure		moisture-curing
Character		flexible
Density*		18 – 27 kg/m ³
Thermal conductivity	52 612	25 – 30 mW/mK
Compressive strain at 10% compression	ISO 844	35 kPa
Deformation (MAD)		12.5%
Tensile strength	53 455	100 kPa
Elongation at break	53 455	15%
Tack free* (30 mm bead)		after 10 min.
Trimable time* (30 mm bead)		after 45 min.
Full cure*		after 24 hours
Water absorption	53 428	0.3 vol. %
Temperature resistance		permanent: –40°C to +90°C short time: –40°C to +130°C
Shelf life		12 months after date of production
Storage		cool, dry, upright and frost free

* details dependent on the temperature and humidity

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Application

Product applications

- for sealing, insulation and filling gaps, joints, seams and cracks in partition walls and between partition walls and ceilings
- connecting seams of chimneys, beams and rafters
- window and door frame installation

Application advices

Surfaces should be dry and free from loose particles, dust and grease. Apply foam sparingly. Apply in ribbons. Moisten between layers. Application temperature is between +5°C and +35°C.

Important advice

Use only in well ventilated areas. No smoking. Wear suitable protective clothing. Wear suitable gloves and eye/face protection. Protect floor coverings with paper or plastic film. Remove excess foam immediately with PU-Cleaner or acetone. Cured foam can only be removed mechanically. Not UV-resistant. Store cans upright.

Safety Recommendations

See Safety Data Sheet.

Service

illbruck can offer technical advice and guidance at all times. Please contact us if you have any queries.



Figure 1: Leave cap on the can.



Figure 2: Shake the can vigorously at least 20 times before use.



Figure 3: Fix nozzle to the connector at the top of the trigger.



Figure 4: Remove the safety catch.



Figure 5: Pull trigger to activate can.



Figure 6: To store for future use push safety catch into nozzle end after use.

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Additional information

This information can only be regarded as providing general instructions. Because of the conditions of use and application over which we have no control, and the great variety of different materials, the user should carry out sufficient tests himself to test the material's suitability for the application concerned.

Manufacturer's information at 02/06. We reserve the right to make technical changes.

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