



EVEREST

EveryFlex

Description

EveryFlex is a one-component polyurethane sealant that cures upon exposure to atmospheric moisture. It forms a permanently adhesive, flexible material and is used in various construction joints and materials such as concrete, brick, glass, wood, galvanized and painted iron, ceramics, and all types of plastics.

Properties

- High permanent elasticity.
- Resistant to aging and weathering.
- Non-toxic and free of strong odors.
- Paintable after curing.
- No shrinkage after curing.
- Solvent-free.
- Excellent adhesion to most building materials.
- Can be applied manually or with a by gun; easy to tool and level.

Application product

- Expansion joints between different materials such as concrete, metal, and wood.
- Insulation and sealing around windows, doors, and walls.
- Precast concrete panel joints.
- Suitable for vertical and horizontal joints.
- Areas subject to light vibrations or thermal expansion.
- Expansion joints between concrete surfaces.

Directions for Use

- Ensure that the surfaces to be sealed are clean, dry, and free of dust and oils.
- If necessary, use masking tape to define the edges before application.
- Apply the product evenly using a caulking gun.
- Remove the masking tape before the sealant begins to skin or cure.



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Surface Preparation

It is recommended to follow these cleaning procedures for the specified materials:

Glass	Clean with acetone or isopropanol and allow to dry
Aluminum, Light Metals, and Stainless Steel	Remove oils using recommended solvents
Other Metals	Clean with appropriate industrial degreasing agents
Wood	Scrape the surface thoroughly and remove all dust
Plastic	Clean with a mild solvent recommended by the manufacturer
Concrete and Alkaline Surfaces	Clean with a brush or compressed air to remove dust and unbonded materials

Approximate Consumption

Joint Width	15 mm	20 mm	25 mm	30 mm	35 mm
Joint Depth	8 mm	10 mm	12 mm	15 mm	15 mm
Joint Length / 600 ml	5 meters	3 meters	2 meters	1,3 meters	1,1 meters

Approvals and Certificates

- Meets Volatile Organic Compound (VOC) content requirements according to LEED EQc4.1.
- Classified as a low-emission product according to SCAQMD Rule 1168.
- Complies with French Emission Class A.
- Carries the CE mark in accordance with EN 15651 for building facades and walkways.
- Compliant with British Standard BS 6920 for soluble metallic impurities.

Remarks & Restrictions

- Do not use in completely enclosed spaces where atmospheric moisture is unavailable.
- Do not use in applications subjected to permanent water immersion.
- Do not apply on wet or frozen surfaces.



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Technical Data

Before Curing

Property	Method / Status	Value
Chemical Base		Polyurethane
Consistency		Thixotropic
Curing Mechanism		Moisture Curing
Density		1,20 ±0.03 g/ml
Skin Formation Time	23°C and %50 R.H.	20-70 min
Curing Rate	23°C and %50 R.H.	Min. 2.5 mm/day
Sagging	EN ISO 7390	0 mm
Application Temperature		+5°C to +35°C
Temperature Resistance		-40°C to +90°C

After Curing

Property	Method / Status	Value
Hardness	ASTM C661	35-40
Paintability		Yes
Elastic Recovery	ISO 7389	≥ 70%
Glass-Glass	Method / Status	Value
Elongation at Break	ISO 8339	20-70 min
E100 Modulus (23°C)	ISO 8339	Min. 2.5 mm/day
E100 Modulus (-20°C)	ISO 8339	0 mm
Dumbbell Tensile Test	Method / Status	Value
Elongation at Break	ASTM D412	≥ 600%
Tensile Strength	ASTM D412	1,5-2,0 N/mm ²



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Safety

Please refer to the Material Safety Data Sheet (MSDS) for safe handling, storage, and disposal instructions, as well as ecological and toxicological information.

Packaging & Storage

- **Packaging:** 600 ml
- **Shelf Life:** 15 months
- **Storage Conditions:** Keep away from moisture and direct sunlight, at a temperature of 10–25°C.
- **Color:** ☐ ☒ ☐



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A Public Commitment

