

Single-component polyurethane sealant adhesive with medium elastic modulus for building, industrial and naval construction



[info. PRECAUTIONS]

Clean equipment with acetone or solvent. If the product has not hardened, paper or a cloth can be used. Once the product has hardened, it can only be removed mechanically. To avoid contact with the skin, we recommend using latex, rubber or polyethylene gloves. If the product comes into contact with the skin, remove it immediately with soap and water.

[info. DOSAGE]

JOINT SIZE	LINEAR METRES
5x5 mm	34 m
10x10 mm	6 m
15x10 mm	4 m
20x10 mm	3 m
25x12,5 mm	1,9 m

[info. PACKAGING]

- 600 ml aluminium bags
- 20 bags per pack

[info. STORAGE]

The product in its original sealed packaging can be stored for 12 months at a temperature between 5 °C and 25 °C in a cool, dry place. Keep away from heat sources.

[info. TECHNICAL SERVICE]

Detailed technical instructions on the use of the products can be requested from your local representative or directly from PROIND srl.

GIUNTOFLEX is a **single-component polyurethane adhesive/sealant with medium elastic modulus** that cross-links under the influence of atmospheric humidity. Easy to work with, it has thixotropic properties that prevent dripping. It maintains permanent elasticity and offers high resistance to abrasion and tearing. It effectively resists atmospheric agents, chemicals and UV rays. It can be painted over.

Fields of application

GIUNTOFLEX adheres to cementitious substrates, bricks, tiles, building materials in general, wood, aluminium, sheet metal, steel and copper. Extremely versatile, it is used as a sealant for floor joints, for outdoor use on cement joints in irrigation channels, even in contact with water, for sealing fixtures between walls and window frames, and in metal constructions: sheet metal work, roofing and air ducts, and in the assembly of double glazing with butyl barrier. It can also be used to seal micro-cracks in concrete pipes.

Advantages

- Bonds and seals at the same time. Easy to apply with excellent consistency for finishing.
- Permanently elastic; allows joint movement of $\pm 25\%$.
- Good thixotropy, does not drip.
- Impact and shock resistant with good vibration and sound damping properties.
- Excellent adhesion without primer on all typical building and industrial materials.
- Elastic bonding between metal, plastic, glass and other materials.
- Does not stain. Neutral behaviour, does not attack the bonding surface.
- Good resistance to ageing, weathering and detergents, sea water, brackish water.

[info. PHYSICAL CHARACTERISTICS]

Polymerisation	Moisture-curing	100% elastic modulus	Approximately 0.7 N/mm ² (ISO 37 DIN 53504)
Color	Grey	Tensile strength	Approximately 1.7 N/mm ² (ISO 37 DIN 53504)
Thickness hardening	Approximately 2,3 mm (24 h - 23 °C and 50% ur)	Elongation at break	Approximately 570% (ISO 37 DIN 53504)
Shore A hardness	Approximately 38 (Din 53505)	Joint movement capacity	$\pm 25\%$ of the joint width
Specific weight	Approximately 1,33 g/cm ³ (23 °C and 50% ur)	Application temperature	+5 °C / +40 °C
Skin time	Approximately 50 min (23 °C and 50% ur)	Thermal resistance	-40 °C / +100 °C