

FLEX MS-45

Elastomeric adhesive and sealant

Description

One-component, elastomeric, adhesive and sealant, based on hybrid polymer resins. It offers:

- Resistance to temperature fluctuations from -40°C to +90°C.
- Excellent bonding to any kind of building material.
- High elasticity.
- Great resistance to aging and weather conditions.
- Adhesion to wet substrates (even without priming).
- Good resistance to fungi growth.
- Overpaintability after hardening.

Fields of application

FLEX MS-45 is suitable for sealing vertical and horizontal joints (3-40 mm wide), both indoors and outdoors, between materials like glass, aluminium, wood, granite, marble, PVC, etc. Also suitable for elastic bonding on various substrates. Not recommended for joints immersed into water or in direct contact with food products.

In case of grouting on natural or artificial stones, such as marble and granite, please contact ISOMAT's Technical Support Department.

Technical data

Base:	hybrid polymer resins
Color:	white, grey, red-brown
Application temperature:	from +5°C to +40°C
Film formation:	after 30-45 min
Curing speed:	2-3 mm/day
Joint movement capability:	± 25%
Elastic recovery:	approx. 95%
Hardness according to SHORE A:	40
Elongation at break: (ISO 8339)	500%

Directions for use

1. Substrate preparation

Substrate must be free of dust, loose particles, grease, etc. The joint should be cleaned with a paintbrush or wire brush and then air-blasted.

To avoid undesirable soiling at joint edges, a self-adhesive paper tape is applied along the edges and then removed immediately after sealing the joint (before a film is formed).

2. Application

The cartridge is inserted in the special gun and the nozzle is cut slantwise, so that it does not fit into the joint but barely touches and slides along the edges. FLEX MS-45 is applied by moving the cartridge along the joint axis at a 45° angle. While still fresh, the sealant is smoothed out with a trowel.

Cleaning of tools:

Tools must be thoroughly cleaned with common solvents while the material is still fresh. If the material has hardened, tools may only be mechanically cleaned.

Consumption

Indicative consumption: 1 cartridge/10 linear meters.

Packaging

- 280 ml cartridges, available in white, grey and red-brown.
- 600 ml sausages, available in grey.

Shelf life – Storage

Shelf life is at least 12 months from production date, in dry and frost-free conditions.

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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