

# FLEX MS-20

## Elastomeric joint sealant

### Description

FLEX MS-20 is a one-component, solvent-free, elastomeric mastic sealant providing:

- Resistance to temperature variations from -40°C to +80°C.
- Excellent bonding to any kind of building material.
- High elasticity.
- Great durability to aging and weather conditions.
- Overpaintability after hardening, only with water-soluble paints.

### Fields of application

FLEX MS-20 is suitable for sealing vertical and horizontal joints, both indoors and outdoors, on various materials like concrete aluminium, steel, wood, glass, natural and artificial stones, etc. In case of grouting natural or artificial stones, such as marble and granite, please contact ISOMAT's Technical Support Department.

### Technical data

Base:	mastic sealant
Color:	grey, white
Application temperature:	from +5°C to +35°C
Film formation:	≈ 60 min
Curing speed:	≥ 3.0 mm/day
Hardness according to SHORE A (DIN 53505):	≈ 25
Elastic modulus at 100% elongation (DIN 52455):	≤ 0.49 N/mm <sup>2</sup>
Elongation at break (DIN 53504):	≥ 700%

### Directions for use

#### 1. Substrate preparation

The substrate must be dry and free of dust, loose particles, grease, etc. Joints should be cleaned with a paintbrush or wire brush and then blown with compressed air.

To avoid undesirable soiling at joint edges, masking tape should be placed along the edges and is then removed immediately after sealing the joint (before film formation).

#### 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-20 is applied by moving the cartridge along the joint axis at a 45° angle.

While still fresh, the mastic is smoothed with a trowel.

Cleaning of tools:

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

### Consumption

- Joint 10mm x 10mm:  
1 cartridge/3 m of joint length.
- Joint 5mm x 5mm:  
1 cartridge/12 m of joint length.

### Packaging

- Cartridges of 310 ml.
- Sausages of 600 ml.

### Shelf life – Storage

Shelf life is 12 months, in frost-free and dry conditions.

#### ISOMAT S.A.

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