# MS 150

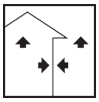
Elastic sealant based on MS hybrid polymers

| Colour | Availability | | |
|---|---|---|---|
| | Quantity per pallet | 1056 | 880 |
| | **Size / Quantity** | **12 x 290 ml** | **20 x 600 ml** |
| | Type of container | cartridge | aluminium bag |
| | Container code | 12 | 59 |
| | **Art. no.** | | |
| concrete grey | 7505 | ■ | ■ |

## Application rate

Approx. 100 ml/running metre at a 1 cm² joint cross-section


## Range of use



- Joints in concrete and prefab constructions
- Facade joints, joints in masonry
- Facade cladding, steel and assembly work
- Connection joints between door and window frames and the building structure
- Universal, elastic polymer adhesive

## Property profile

- Good adhesion on many substrates
- Quick, blister-free hardening
- Can be coated/painted over
- Compatible with paints in accordance with DIN 52452-A1
- Very low emissions (GEV-EMICODE EC 1$^{Plus}$)
- Free from isocyanates

## Characteristic data of the product

**On delivery**

| | |
|---|---|
| Density (20 °C) | 1.5 g/cm³ |
| Viscosity | Paste-like/stable |

**Once fully cured**

| | |
|---|---|
| Shore A after 28 days | 35 |
| E-modulus 100% (DIN EN ISO 8339) | 0.4 N/mm² |
| Elastic recovery (DIN EN ISO 7389) | > 70% |
| Volume loss (DIN EN ISO 10563) | < 5% |
| Permissible total deformation (DIN EN 15651-1) | +/- 25% |

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

## Certificates

› **Licence to use the EMICODE_GEV from 18.09.2019**

## Possible system products

› **Primer PUR (7530)**
› **Dichtstoffpistole (4706)**

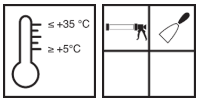
## Preparation

**Substrate requirements**

The sides of the joints must be load-bearing, dry, clean and free of grease, metals must be bare.

**Substrate preparation**
In construction work the joint dimensions required by DIN 18540 must be observed.
Joints that are too deep should be filled with round cords.
If necessary and depending on the substrate, use Primer PUR as an adhesive primer.
Observe flash-off times.

## Directions




**Conditions for use**
Temperature of the material, air and substrate: from min. +5 °C to max. +35 °C.

Cut off tip at an angle according to the width of the joint and inject, filling the joint completely.
Apply the material with sufficient pressure to the sides of the joint, then smoothen with a moist spatula.

## Tips on use

Take appropriate measures to protect adjacent building elements and materials that should not come into contact with the product.
Skin formation and hardening depend on storage and change as the product ages.
Hardening times increase at increasing joint depths.
Do not apply to bitumen, tar, polymers containing plasticisers, natural stone.
Not suitable for sealing glass, in sanitary areas, for floors or for underwater joints.
Paints, varnishes and coatings must be compatible with the sealant.
Inadequate crosslinking of the sealant and delayed drying of the coating cannot be ruled out upon direct contact with coatings.

**Drying**
Skin formation: approx. 25 minutes (+23 °C/50% RH)
Full hardening: approx. 2 mm/day (+23 °C/50% RH)

## Notes

Always set up a trial area/trial areas first.
When applied to copper, slight discolouration may occur.
Under some conditions, discolouration (yellowing) may occur if the material comes into contact with coating systems on an alkyd resin and/or polyurethane base.
Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.
The relevant test certificates must be observed when planning and carrying out work.

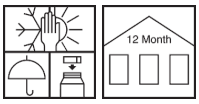
## Tools / Cleaning

Manual and compressed air gun, scraper, adhesive tape
The compound can be removed in the fresh state with V 101 Thinner; after it has cross-linked, it can only be removed by mechanical means, after swelling with V 101 if necessary.

**Remmers tools**

- **Dichtstoffpistole (4701)**
- **Dichtstoffpistole (4706)**
- **Druckluft-Dichtstoffpistole (4707)**

## Storage / Shelf life




If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

## Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

## Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

## Declaration of performance

- **Declaration of performance**

Declaration of conformity

0757

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14 (CE); 22 (UKCA)
GBI F 039-4
EN 15651-1:2012
7505

Sealant for facade for interior and exterior application (intended for use in cold climates) F-EXT-INT-CC
Conditioning: Method B
Substrate: Mortar M1
Pre-treatment: Adhesion promoter

| | |
|---|---|
| Reaction to fire: | Class E |
| Water tightness and air tightness | |
| Resistance to flow: | ≤ 3 mm |
| Loss of volume: | ≤ 10 % |
| Tensile properties at maintained extension after water immersion: | Pass |
| Tensile properties (i.e. secant modulus) | ≤ 0.9 MPa |
| Tensile properties (i.e. at maintained extension): | NF |
| Durability: | Pass |