



Den Braven

# Silicone Construct MF

Neutral silicone for sanitary-, glazing- and façade joints



## PRODUCT DESCRIPTION

Silicone Construct MF is a versatile neutral silicone sealant for sanitary, building, glazing and façade joints, which cures under influence of humidity to form a durable elastic rubber.

## KEY BENEFITS

- Neutral curing
- Almost odourless
- Semi matt finish
- Perfect adhesion without primer on most substrates
- UV, water and weather resistant
- Mould resistant
- Non corrosive towards metals

## APPLICATIONS

Silicone Construct MF was specifically developed for durable elastic sealing of connection and expansion joints in concrete, brickwork, curtain wall constructions, glazing systems (1), kitchens, bathrooms and showers and for industrial applications.

### Remark (1)

Compatibility of the edge seals of insulation glass with glazing sealants cannot be guaranteed by the supplier of the sealant, as the composition of the edge seals can be changed by the producer without notice. Any advice on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

## DIRECTION FOR USE

A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm. For more information see the Technical Bulletin Joint Dimensions in the Knowledge Base on our website [www.denbraven.com](http://www.denbraven.com).

## TECHNICAL SPECIFICATIONS

|                                |                 |                          |
|--------------------------------|-----------------|--------------------------|
| <b>100% Modulus</b>            | DIN 53504 S2    | 0,47 N/mm <sup>2</sup>   |
| <b>Application Temperature</b> |                 | +5°C to +40°C            |
| <b>Base</b>                    |                 | High Meko Oxime          |
| <b>Application Rate</b>        | @ Ø3 mm/6,3 bar | 150 g/min                |
| <b>Curing Time</b>             | @ +23°C/50% RH  |                          |
| <b>Density</b>                 |                 | 1.25 g/ml                |
| <b>Elongation At Break</b>     |                 | 580%                     |
| <b>Flow</b>                    | ISO 7390        | < 2 mm / 24 hours        |
| <b>Frost Resistance</b>        |                 | Up to -15°C              |
| <b>Shore A Hardness</b>        | DIN 53505       | 26                       |
| <b>Skin Formation</b>          | DBTM 16         | 7 minutes @ +23°C/50% RH |
| <b>Temperature Resistance</b>  |                 | -40°C to +120°C          |
| <b>Tensile Strength</b>        |                 | 1.26 N/mm <sup>2</sup>   |
| <b>Viscosity</b>               |                 | 98                       |

These are typical values

## LIMITATIONS

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Discoloration can occur in dark places and by contact with chemicals

## SURFACE PREPARATIONS AND FINISHING

Application temperature: +5°C to +40°C (environment and substrates). All substrates must be solid, clean, dry, and free of grease and dust. Clean surfaces with Cleaner. Silicone Construct MF adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Primer Universal. Always test adhesion prior to application. Use Finisher to smooth the joint.

## PAINTABILITY

Silicone Construct MF is not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that need to be painted from being contaminated by silicone.

## CLEANING

Uncured material and tools can be cleaned by using Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Wipes.

## SHELF LIFE

If kept stored in a cool, dry place, in unopened original packaging, between + 5°C and + 25°C, shelf life is up to 9 months from production date.

## HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

## WARRANTY & GUARANTEE

Bostik warrants that its product complies, within its shelf life, to its specification.

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