# PREMIUM SILIKON

Acetoxy silicone for building, glazing and sanitary joints

## PRODUCT DESCRIPTION

M ONE PREMIUM SILICON is a versatile acetoxy silicone sealant, which cures under influence of humidity to form a durable elastic rubber. The product is excellent UV and weather resistant.

## KEY BENEFITS

- Versatile sealant
- Mold resistant- Good resistant to UV, water and weather

## APPLICATIONS

M ONE PREMIUM SILICON has been especially developed for connection joints in buildings, glazing systems (1), kitchens and bathrooms.

Remark (1):
Compatibility with edge seals of insulation glass cannot be guaranteed, as the compositions of sealant for the edges of insulation glass can be different or changed by the producer of insulation glass. Advices concerning the compatibility of glazing sealants to the edge seals of insulation glass are 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 till 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 devided by 3 plus 6 mm. For more information see the Technical Bulletin Joint Dimensions in the Knowledge Base on our website www.denbraven.com.

## TECHNICAL SPECIFICATIONS

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| **100% Modulus** | DIN 53504 S2 | 0,28 N/mm² |
| **Application Temperature** | | +5°C till +40°C |
| **Base** | | Silicone |
| **Application Rate** | @ Ø3 mm/6,3 bar | 900 g/min |
| **Curing Time** | @ +23°C/50% RH | 2 mm/24 hours |
| **Density** | ISO 1183-1 | 0.97 g/ml |
| **Elongation At Break** | DIN 53504 S2 | 410% |
| **Frost Resistance** | | till -15°C |
| **Shore A Hardness** | DIN 53505 | 11 |
| **Skin Formation** | +23°C/50% (DBTM 16) | 10-12 minutes |
| **Temperature Resistance** | | -40°C till +120°C |
| **Tensile Strength** | DIN 53504 S2 | 0.75 N/mm² |
| **Viscosity** | | 75 |

These are typical values

## LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for applications on concrete, marble, lead, copper and galvanized steel.

## SURFACE PREPARATIONS AND FINISHING

Application temperature: +5°C to +40°C (environment and substrate).
Surfaces must be dry, clean and solid. Clean surfaces with Cleaner. M ONE PREMIUM SILICON adheres perfectly without the use of a primer to most non porous substrates. Strong porous surfaces to be pre-treated with Primer Universal. Always test adhesion prior to application. Use Finisher to smooth the joint.

## PAINTABILITY

M ONE PREMIUM SILICON is not paintable. It is recommended to cover the edges of the joint with masking tape in order to prevent that surfaces which remain to be painted will be contaminated with 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

In unopened original packaging between +5°C and +25°C, shelf life up to 18 months from production date, stored in a dry place.

## CERTIFICATIONS

- A+ French VOC Regulation
- EN 15651-2: G-CC
- EN 15651-3: S S1
- EN 15651-1: F-EXT-INT-CC

## HEALTH & SAFETY

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

## WARRANTY & GUARANTEE

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

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