

PRODUCT FAMILY

Waterproofing &  
Joint Sealants

MCT

# MC-Silicone Seal W.B

## Silicone-Based Liquid Water Repellent for Porous Masonry

Colourless water-based silicone solution used to repel water from porous substrates such as concrete, brick, stone and plaster and, as stated by the source, for rising-damp treatment.

Specific gravity @ 25°C

**1.03-1.04 g/cm<sup>3</sup>**

Shelf life

**24 months**

Appearance

**Colourless solution**

Solids content

**8-10% by weight**

## Description

MC-Silicone Seal W.B is a silicone-based water-repellent liquid for porous building surfaces.

## Where to use

- Water-repellent treatment of porous masonry and stone materials including concrete, plaster, brick, limestone and sandstone.
- Creating a barrier against rising damp in conventional masonry walls where no damp-proof course exists or where the existing course has failed, as stated by the source.

MCT TECHNICAL DATA

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### Advantages

- Helps stop water at the surface before it penetrates porous masonry.
- Penetration depth up to approximately 10 mm, as stated by the source.
- Colourless treatment that does not materially alter the appearance of the substrate.
- Helps limit moss/algae growth and efflorescence.
- Helps reduce sensitivity to freeze-thaw cycles.
- The source states that rising-damp treatment may become effective within approximately 2-3 days, depending on substrate and conditions.

### Source notes

- The source recommends periodic retreatment approximately every 4-5 years where required to maintain maximum efficiency.
- Allow the material to react for approximately 3-7 days before certain subsequent work, depending on substrate and temperature.
- The solution is alkaline; avoid skin and eye contact and avoid splashes onto metal and timber wall components.

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### Technical data

|                         |                             |
|-------------------------|-----------------------------|
| Appearance              | Clear, colourless solution  |
| Solids content          | 8-10% by weight             |
| Specific gravity @ 25°C | 1.03-1.04 g/cm <sup>3</sup> |
| Shelf life              | 24 months                   |
| Packaging               | 15 litres                   |

### Application methods

- Rising damp: drill holes at specified intervals in a brick course near the base of the wall, then inject the product under pressure to create a continuous water-repellent barrier.
- Indicative source consumption: 100 L treats approximately 5-25 linear metres depending on wall thickness and material.
- Plaster treatment: spray or brush the solution to saturation; the source states approximately 1-5 m<sup>2</sup> coverage per litre.
- Roof tiles and bricks: soak in a 10% solution of MC-Silicone Seal W.B for approximately 1-5 minutes depending on shape and material.

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### Working precautions

- Alkaline solution - use appropriate personal protection and prevent skin and eye contact.
- Avoid direct spraying onto metal and timber wall components.
- Observe the required reaction period before subsequent work according to substrate and temperature.

### Storage & packaging

- Shelf life: 24 months. Packaging: 15 litres.

