



MASTER CHEMICALS TECHNOLOGY

MC- Silicon Seal S.B

High Quality Silicone Resin Water Repellents

Description:

MC- Silicon Seal S.B is a solvent base silicon resin solution

Uses :

M C - Silicon Seal S.B is used as water repellent coating for porous structures such as :-

- ◆ Concrete .
- ◆ Plasters.
- ◆ Brick work .
- ◆ Artificial stone.
- ◆ Mineral paints .

Advantages :

- ◆ It stops water at the surface before it gets into masonry .
- ◆ Deep penetration up to 10 mm .
- ◆ Effective for many years .
- ◆ Colorless , will not discolor surface .
- ◆ Limits the growth of moss .
- ◆ Helps to control efflorescence .
- ◆ Reduces sensitivity to freeze-thaw cycles .
- ◆ High alkaline resistance .
- ◆ Water repellency develops fast.
- ◆ Protects from heavy rain and moisture .

Technical Data :

Appearance	: Colorless liquid, turbid
Specific gravity at 25 °C	: $0.80 \pm 0.01 \text{ g / cm}^3$
Coverage rate	: $3\text{-}7 \text{ m}^2 / \text{kg}$ (depends on the porosity of the surface)
Flash point °C	: 38
Shelf life	: 12 months (if stored in tightly closed containers)
Package	: 20 , 50 and 160 Kg metal drums

Application :

M C - Silicon Seal S.B is ready to use as a coating for the porous structures using spray machine or brush for coating .

Two coats are recommended wet on wet, and avoid long breaks between coats .

Surface should be clean and dry , New walls must be subject to a drying period of 2-3 weeks before treatment .

The second coat can be applied after 2-4 hours from the first coat .

Safety instructions:

- ◆ Keep away from open flame and spark.
- ◆ Provide adequate ventilation during application.
- ◆ Take precaution to avoid skin contact.
- ◆ Take precaution to prevent material entering the eyes.
- ◆ Cover windows and other non- absorbent surfaces because it will be difficult to remove the cured material.
- ◆ Use white spirit to remove any splashes on the non- absorbent surfaces immediately.

*For more details contact **Master Chemicals Technology** technical department*

Or visit our website www.mc.com.eg