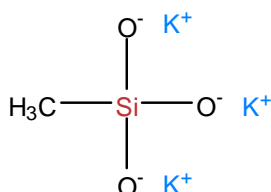




PRODUCT NAME

SiSiB® WR0777: Water-dilutable potassium methyl silicate solution

CHEMICAL STRUCTURE



FUNCTION

SiSiB® WR0777 Water Repellent is a water-dilutable solution of potassium methyl silicate (Potassium silicate) developed to impart water repellency to a wide variety of natural stone and masonry surfaces. The silicate reacts with carbon dioxide in the air to form an insoluble repellent surface and reduce water absorption within 24 hours.

It is suitable for the surface of natural stone, like sandstone, limestone, and red brick, gray brick, granite, ceramics etc.; it is not suitable for polished or glazed surfaces.

FEATURE

- Reduces water absorption into the substrate, thus reducing spalling due to freeze-thaw and efflorescence, thereby increasing the life of the substrate.
- Colorless and non-yellowing protection preserves the natural appearance of the substrate. Will not form a surface film or gloss.
- Treated surfaces retain natural vapor permeability.
- Suitable for interior and exterior surfaces.
- No solvent odor.
- Non-flammable.

Power Chemical
ISO9001 ISO14001 certificated



TYPICAL PHYSICAL PROPERTIES

CAS No.	31795-24-1
EINECS No.	250-807-9
Formula	CH ₆ O ₃ Si.xK
Color and Appearance	Clear to slightly yellow liquid
Solid Contents	40~50%
Active Substance	24~30%
pH Value	12~13
Density _{25/25°C}	1.20~1.35

APPLICATIONS

SiSiB® WR0777 is supplied concentration of 40 percent in water; SiSiB® WR0777 is usually diluted to a concentration of 3 percent solids or less before application. To prepare a 3 percent solution, mix one liter SiSiB® WR0777 as supplied, with 15 liters of water.

Application should be avoided on extremely windy days to avoid rapid evaporation of the water carrier.

PACKING AND STORAGE

SiSiB® WR0777 is packaged in net weight 240kg steel drum or net weight 1200Kg IBC tote.

In the unopened original container SiSiB® WR0777 has a shelf life of one year in a dry and cool place.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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SiSiB® WR0777 Water Repellent

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damages.

Please send all technical questions concerning quality and product safety to:
silanes@SiSiB.com

Power Chemical
ISO9001 ISO14001 certificated

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knowledge regarding organosilanes, you may visit
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