

DESCRIPTION

WATER REPELLENT is a clear ready-to-use water-based, VOC compliant silane/siloxane water repellent and “chloride screen” for the protection of concrete and masonry. WATER REPELLENT penetrates more deeply than conventional water-or solvent-based water repellents. Low odor and alkaline stable. WATER REPELLENT is ideal for field or in-plant application to concrete and most masonry. It prolongs the clean appearance of buildings, reduces chemical attack and minimizes efflorescence. Due to the excellent waterrepell properties dirt and other atmospheric impurities are washed off by rain and its clean appearance is maintained for a longer period.

USES

WATER REPELLENT is suitable for external application to exterior walls of brick or concrete blocks, cement renderings, asbestos cement, concrete and all types of stone, including limestone. Also used as an injection damp course fluid and provides a durable barrier to water penetration of porous surfaces.

ADVANTAGES

- Formulated for concrete and masonry.
- Penetrates to produce long-lasting protection on vertical surfaces
- Water-based formula minimizes explosion and fire hazards.
- Low odor reduces risk of application to occupied buildings.
- Ready-to-use, non-flammable, non-volatile.
- Invisible, long lasting protection.
- No film. Leaves surface breathable – allows interior moisture to escape
- Alkaline stable.
- Treated surfaces “breathe”- does not trap moisture
- Increases free-flow resistance and minimizes efflorescence.
- Deeply penetrates into substrates.

PROPERTIES

Colour	: Clear liquid, dries invisible
Drying Time at 30 0C	: Three (4) hours
Surface Gloss	: None
Water Repellency	: Excellent.
VOC, gms/Litre	: < 50

INSTRUCTION FOR USE

Surface Preparation

Areas to be treated shall be clean and dry for penetration. Allow 24 hours after rain before applying. Cure mortar joints of new masonry surfaces for 14 days prior to treatment. Clean off mud, scale, coatings or efflorescence. Repair mortar joints, other than hairline cracks, and allow to cure a minimum of 72 hours before applying WATER REPELLENT.

APPLICATION :

Mix WATER REPELLENT 1 part and 10 part water and make solution.

Apply solution by low-pressure, non-atomizing spray or by brush (for small area application). Two coats are recommended. Permeable units require several flood coats

NOTE: WATER REPELLENT requires approximately seven (7) days after application to develop its maximum water repellency. After this initial curing period, surfaces remain permanently treated to resist water penetration. Fully cured surfaces also resist further treatment.

Cleaning

Tools should be cleaned immediately after use with clean water.

COVERAGE

1 ltr. WATER REPELLENT will cover approx. 4 to 5 m² of surface depends upon the substrates.

SHELF LIFE & STORAGE

WATER REPELLENT has a shelf life of 12 months from date of manufacture when kept at a temperature between 5°C to 45°C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

QUALITY ASSURANCE

AMBICA SPECIALITY CHEMICALS is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2015.

HEALTH & SAFETY

WATER REPELLENT is no-toxic and non-flammable. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.