COLORO

PRODUCT DATA SHEET

MASONRY OIL & WATER REPELLENT

DESCRIPTION

MASONRY OIL & WATER REPELLENT is an alkali stable fluoro-modified silicone impregnating agent in a hydrocarbon solvent.

MASONRY OIL & WATER REPELLENT finds use as a treatment for building facades of natural and synthetic stone to assist the easier removal of graffiti and posters.

MASONRY OIL & WATER REPELLENT also finds use as a sealer for unglazed ceramic tiles as a quick, easy treatment.

Due to the products unique oleophobic properties it also finds use as a oil repellent for natural stone table tops, clay paver driveways, bar-b-que areas , unglazed ceramic tile kitchen benches and floors.

MASONRY OIL & WATER REPELLENT also finds use as an anti-graffiti treatment, which, upon graffiti removal should be re-applied, over the affected area.

ADVANTAGES

- Reduction of water adsorption.
- Reduction of oil adsorption.
- Reduction of efflorescence.
- Reduction of lime erosion.
- Reduction of water born dirt pick-up.
- Reduction of chemical vapour corrosion.
- Reduction of frost damage.
- Reduction of mildew, moss, and lichen growth.
- Restored thermal properties.

Does NOT impart the "wet look" to treated surfaces or contribute to surface gloss (when correctly applied).

SUBSTRATE

The proposed surface to be treated must be unsealed and of a porous nature. Listed below are some of the substrates successfully treated with a guide of the expected coverage when applied to achieve maximum performance.

COVERAGE

- Fibrous cement 6 - 10 m2/litre
- Cement render 1 - 2 m2/litre
- Concrete 2 - 4 m2/litre
- Aerated concrete 1 - 2 m2/litre
- Natural stone (including sandstone & polished granite) 1 - 2 m2/litre
- Clay brick walls 1 - 2 m2/litre
- Concrete block walls 1 - 2 m2/litre
- Terracotta tiles 1 - 2 m2/litre
- Slate (must be porous to allow adsorption) 2 - 4 m2/litre

Remember these figures are a guide only, each individual substrate can give different results.

Substrate saturation is essential to give good quality results.

DIRECTIONS FOR USE

SURFACE PREPARATION: It is essential that all surfaces to be impregnated should be free from cracks etc.

Any cracks larger than 0.3mm (1/64 inch in the old money) should be filled.

Repair damaged expansion joints/ junctions, flashings and pointing should also be inspected and repaired where required.

Surface should be clean and dry prior to commencement of the treatment.

CHEMICAL HOUSE
Headquarters
9 Production Avenue, Molendinar
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SPECIAL NOTE ON NATURAL STONES:

With porous natural stone (sandstone and the like) a penetration of an absolute minimum of 5mm is suggested, with preference of 5-10mm.

The degree of penetration should be checked, if practicable by breaking a test slab of stone, prior to commencing the full job. If the penetration is less than 5-10mm the application method should be altered or the stone dried out to reduce the likelihood any possible moisture barrier, preventing the ingress of the treatment.

NOTE: The adhesive used to adhere the tiles/stone in place must be a cement based and not a resin system.

The use of acrylic or urethane adhesives is limited in that the carrier solvent may contribute to failure of the adhesive if subject to extended contact periods.

APPLICATION

Before commencing shake the drum to ensure no separation of the resin has occurred.

Good technique is a "must" for good results.

The substrate to be treated should be flooded using a low-pressure spray only (an airless spray or compressed air sprayer operating with no air pressure at the gun tip.)

High pressure sprays should be avoided as this dilutes the amount of product used and reduces the amount of material on the substrate, reducing efficiency and efficacy of the treatment. At least 6 hours rain free drying time is required after application.

SURFACE MAINTENANCE

Treated surfaces should be maintained using Chemical House General Purpose Detergent diluted at 200:1 or HD Cleaner diluted 50-100:1.

If removal of oil soils requires the use of heavy-duty cleaners, including degreasers it is recommended that reapplication of material be undertaken to ensure continued ongoing protection.

EXPECTED PERFORMANCE

MASONRY OIL & WATER REPELLENT is NOT a waterproof treatment or a full surface sealer; nor can MASONRY OIL & WATER REPELLENT be used as a primer on concrete block walls prior to painting.

Porous surfaces treated with MASONRY OIL & WATER REPELLENT will remain effective as a water & oil repellent for up to 10 years, if applied and maintained correctly.

Be aware that surface water beading is not the only indication of repellency and this surface effect will disappear after a relatively short period, but the reduction of water movement via capillaries remains effective for the 10-year period, thereby giving protection.

CURING TIME

MASONRY OIL & WATER REPELLENT must cure before the treatment becomes fully effective.

At ambient conditions (not heat and room temperature of 24C that may take 3-4 days so ensure treated areas are allowed sufficient curing time prior to challenge (using).

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CLEAN UP

Equipment should be washed in mineral turps or similar solvent.

STORAGE

If stored in a cool dry place, with the cap firmly secured the expected shelf life of MASONRY OIL & WATER REPELLENT is 9-12 months.

SAFETY Do not smoke when using MASONRY OIL & WATER REPELLENT avoid naked flames. Ensure adequate ventilation exists during application.

Wear personal protection consisting of goggles, gloves, and a face mask.

Avoid contact with skin or eyes.

Wash skin thoroughly with soap and water if splashed onto exposed areas.

Cover all plants, glass windows and other surfaces which may be splashed.

Remove any splashes with mineral turps immediately they occur (particularly glass as it will etch onto the surface).

A Material Safety Data Sheet is available on request.

PACKS:

1L, 4L, 10L, 20L,200L

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