Surface Treatment

MonniSil XW771

Excellent high performance water based acrylic sealer

- Water repellent
- oil repellent
- Repellent to dirt pickup & dust.

Product Description

MonniSil XW771 is a single component acrylic solution designed to impart repellency and protect the coated surface from a wide variety of atmospheric intruders.

MonniSil XW771 penetrates into new or existing concrete or masonry for maximum protection against several inorganic compounds.

This water based sealer is characterized by an excellent ability to shield all porous substrates by creating a non - abrasive film. The applied coat allows the substrate to breath.

Uses

Monnisil XW771 is used as a surface treatment designed to protect

- Masonry Surfaces
- All types of bricks & block works
- Excellent resistance capacity to stain, warm, oil & liquids
- Limestone or only lime based finishing system or stucco/skim coat.
- Use indoors as well as outdoor on all kind of vertical concrete regular concrete, reinforced concrete, fiber concrete, UHPC, etc.

Advantages

- Excellent water repellent characteristics
- Imparts durability to the substrate
- Available in any color as per request
- Clear formate of this product will have gloss
- Non-staining & transparent characteristics makes it's aesthetics to be used as protection shield for all types of finishing renders & decorative coats.
- UV resistance feature of the product makes it exclusively applicable to be used as protection shield to coloured renders & decorative coats for internal as well as external application.

Multi Purpose Sealer

Acts as protecting guard against water, oil and oil products .this product safeguards the substrate by it's sealing ability .

As the product is available in variety of colors & depending upon requirment can be supplied in the range of initial opacity by 10 % to 100% opaque and transparent

Available Colors

Monnisil XW771 color stains come in all monneli colors are avilable in matt or glossy finish. Customers' own colours can also be incorporated in the laboratory or on site on demand.

Each shade is available in 3 different opacities (opaque,semi opaque and slightly opaque)

Chemical Nature

Aqueous-phase fluorinated acrylic copolymer with inorganic pigments.

Environment

- Water-based product.
- No petroleum-based solvents. & silicone-free.
- Safe and non-toxic (certificated LEED).
- Biodegradable > 80%* .
- Low VOC & Complies LEED.

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T +974-4460-0862
E office@monneli.com
A New Industrial Area, Street #2, Zone 81, Gate 235
P.O.Box 13310, Doha, Qatar
monneli.com

Usage Instructions

Surface Preparation

All surface should be clean, sound and uncontaminated. This preparation should leave an exposed substrate, free from dust, loose particles, deleterious matter, oil, grease, chemical films and other contaminants.

Pre-application

Test a small area of the surface (generally 1.0m2 x 1.0m section) before starting application of the sealer to ensure desired performance results, aesthetics & coverage rate. Allow 5-7 days for the product to fully react.

Application

MonniSil XW771 is a single component solution, applied at full strength. Mix the material thoroughly before & during application. MonniSil XW771 should be applied with a brush, roller or low pressure non-atomizing spray uniformly onto the surface at a rate of 5.5-6.5 m^2/ liter.

For vertical surfaces, flood the surface by applying from the bottom up applied to saturation with a controlled material rundown to ensure maximum penetration on the surface.

All the substrate need two coat application. Apply the second coat as soon as the initial surface drying of the firstcoat has been visible which is around 20-25 minutes at ambient temperature. Cooler temperature or higher relative humidity may extend drying time.

Surfaces with salty efflorescence must be cleaned mechanically or washed with jet cleaner and subsequently rinsed with water. Wait for the surface to dry, before proceeding with the application of MonniSil XW771.

All cement supports must be allowed to cure for at least 21 days before being applied.

Curing

After application of MonniSil XW771, allow the treated surface to dry for at least 24 hours to develop maximum water repellency.

Cleaning

Equipment and tools used should be cleaned promptly with water

Technical Data

Category	Typical Values
Appearance	Coloured & Transparent
Physical state	Liquid @ 20°C
pH	8.5 ± 0.5
Odour	Odourless
Boiling point [°C]	100 °C
Density	About 1.0 depending on the colour
Flash point [°C]	Not applicable
Solubility in water [vol/vol]	Total

Consumption

MonniSil XW771 is packed in 20 liters and 210 liters drums.

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Coverage

5.5 - 6.5 m2 / liter depending on the porosity of the substrate

Storage

Keep in original well closed drum, in dry and sheltered place, at the temperature between +5 ° +35°C. Shelf life is 8 months from date of manufacturing when stored properly.

Recommendations

- Do not apply if rain, dew or water exposure is expected with 24 hours of application. Avoid application in direct sunlight and during high winds.
- Do not use onto the gypsum supports
- Do not apply in areas where negative hydrostatic pressure is possible...

Health & Safety

Direct contact with the product may result in irritation of the skin and eyes. Product vapors may also cause irritation.

Wear gloves and masks during application. Remove any contaminated clothing and wash skin thoroughly with soap and water.

In case of accidental eye contact, wash with plenty amount of water and seek immediate medical advice.

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