



# MEGA CLEAR COAT

SILOXANE BASED WATER REPELLENT  
IMPREGNATION

## PRODUCT DESCRIPTION

Mega Clear Coat is a siloxane based liquid compound. It serves as high quality primer for exterior concrete protection and also can be used as an impregnating agent for masonry substrate. It can reduce the capillary absorption of construction materials without blocking their pores and capillaries. Therefore, it does not affect the diffusion permeability. As a result, water vapour can escape unhindered from the masonry, and any damp can dry out.

## USES

Mega Clear Coat is used as water repellent and colourless protective surface treatment on absorbent exposed materials such as concrete, cementitious rendering, concrete tiles, fibre cement, brickwork (clay and lime sand, non-vitrified), natural stone.

Mega Clear Coat can also be used as hydrophobic primer under solvent based or emulsion protective coating. Mega Clear Coat is used as water-repellent impregnation (hydrophobic treatment) for absorbent substrates such as concrete in civil engineering or building concrete structures.

- Suitable for protection against ingress.
- Suitable for moisture control.
- Suitable for increasing the resistivity.



## ADVANTAGES

- Reduction of capillary water absorption.
- Reduces efflorescence.
- Reduces dirt penetration into the pores.
- Improves thermal insulation.
- Can be overcoated with solvent based and dispersion coatings.
- Higher durability and resistance than conventional silicone based treatments.
- Does usually not change the appearance of the substrate.
- Does not act as a vapour barrier.



Scan QR Code to find complete range of our products, services, technical data sheets, and updates.

## PRODUCT INFORMATION

|                     |   |
|---------------------|---|
| Composition         | : Siloxanes based liquid compound   |
| Packaging           | : 25 Liter cans and 215 Liter drums   |
| Appearance / Colour | : Colourless liquid   |
| Shelf life          | : 12 months from date of production   |
| Storage conditions  | : Store in original, unopened, sealed and undamaged packaging in dry condition at temperatures between +5 °C and +30 °C. Protect from moisture and direct sunlight. |
| Density             | : ~0.800 kg/l (at +20 °C)   |
| Flash Point         | : Closed cup: ~30 °C (~86 °F)   |

## SYSTEM

System Structure : 1 – 2 coats of Mega Clear Coat

## APPLICATION INFORMATION

|                            |  |
|----------------------------|--|
| Consumption                | : ~0.125 – 0.250 L/m <sup>2</sup> per coat for normally absorbent substrate.<br>In order to ensure durability, a minimum of 2 coats must be applied.   |
| Ambient Air Temperature    | : +5 °C min. / +30 °C max  |
| Substrate Temperature      | : +5 °C min. / +30 °C max.   |
| Substrate Moisture Content | : < 5 - 6 % when measured with Tramex method   |
| Waiting Time / Overcoating | : Can be overcoated with water/solvent based polymer paints - contact the proposed paint manufacturer for details. When overcoating with Mega Clear Coat or solvent based coating, wait at least 5 hours after the hydrophobic impregnation. |
| Curing Treatment           | : Mega Clear Coat does not require any special curing but must be protected from rain for at least 3 hours at +20 °C.  |

## APPLICATION INSTRUCTIONS

**SUBSTRATE QUALITY / PRE-TREATMENT:** Free of dust, oil, efflorescence and existing paint coatings. Cracks in concrete of more than 200 µm must be repaired prior to application of the hydrophobic treatment. Cleaning is best achieved by brushing with suitable detergents or by light blast cleaning or steam cleaning etc. Best results are obtained on dry, very absorbent substrates. The substrate must look dry with no damp patches.

**MIXING:** Mega Clear Coat is supplied ready for use and should not be thinned.

**APPLICATION:** Mega Clear Coat is applied by using low pressure spray, brush or roller, working from bottom up taking care not to let the product run. Apply subsequent coats “wet on wet”.

**CLEANING OF EQUIPMENT:** Clean up equipment with water immediately after use.



# MEGA CLEAR COAT

SILOXANE BASED WATER REPELLENT  
IMPREGNATION

HEAD OFFICE: C-1-C, 2nd Floor, Main Khy-e-Itehad, Near KFC, Opposite Dubai Islamic Bank, DHA Phase 7, Karachi-Pakistan.

PLANT: Plot B-653, Sec. 3, Near Life Care Medical, Ahsanabad Industrial Area, Karachi-Pakistan.

☎ +92 213 5318800 📞 +92 318 3880164

✉ info@megagroup.com.pk 🌐 www.megasealers.com