

# Emcephob WR (Formerly known as MoyaShield WR)

## Water Dispersed Silane Siloxane Based Impregnating Water Repellent

### Description

Emcephob WR is a clear silane siloxane based water repellent sealer that penetrates into the substrate and provides water repellency by reacting with the substrate. It has a micro molecular structure that helps to achieve deep penetration inhibiting water ingress into the substrate.

### Advantages

- Deep penetrating sealer
- Reduces water and chloride intrusion
- Non-staining
- Ready to use and easy to apply
- Chemically resistant to fuels, atmospheric contaminants and oils
- Significantly reduces absorption of water
- Breathable
- Helps to prevent efflorescence
- Resistant to UV light
- No fire hazard during application
- Long term effectiveness
- Eco friendly, can be applied in enclosed areas

### Application

#### Areas of application

Emcephob WR is used as a clear coat to protect concrete surfaces, stone cladding, coloured plasters, parking decks, bridges, decorative renders, tiles, tile grouts, etc.

#### Surface Preparation

Before application of Emcephob WR, it is important to ensure that the surface is clean and free from dust, loose material and dampness. It has to be applied on completely dry surface. All contaminants such as oil, grease or any surface contamination must be removed to ensure adequate penetration when the product is applied. Surfaces that have been cleaned with water must be allowed to dry out completely before application. Cracked or damaged areas must be repaired using ReCon range of repair products.

#### Application

Emcephob WR should be applied by spraying or brushing. Apply from top and work down keeping a wet edge at all times. Finish at the base, work well into dry cloth to remove any excess solution left on the surface. Second coat may be applied immediately. Allow the applied material to dry for at least 24 hours, before subjecting the surface to water. edges. Use a soft,

#### Limitations

Emcephob WR is not recommended for surfaces subject to hydrostatic pressure. It is advisable to protect the shower screen, glass and any painted areas against splashes of Emcephob WR. If splashed, clean with water immediately.

#### Coverage

5 m<sup>2</sup>/ltr/coat. Actual coverage depends on porosity and texture of the substrate.

## Typical Properties at 25°C

Property	Test Method	Value
Specific Gravity	ASTM C494	1.16 +/- 0.02
Component	-	Single
Form	-	Liquid
Colour	-	Clear
Depth of Penetration*	-	> 3 mm
Drying Time	-	> 3 mins
Recoat Time	-	Should be applied immediately (wet on wet)
Application Temperature	-	+5°C to +40°C
<i>*Depends on substrate porosity</i>		

## General Information

Package Size	20 ltr
Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing Extreme temperature/humidity may reduce shelf life.
Cleaning	Clean all equipments and tools with water immediately after use

## Health and Safety

PPE's	Gloves, goggles and suitable mask must be worn.
Precaution	Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately.
Hazard	Regarded as non-hazardous for transportation.
Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
Additional Information	Refer MSDS. (Available on request.)

## Technical Support

MC Technical Services are available on request for on site support to assist in the correct use of its products.

### NOTE:

*It is the customer's responsibility to satisfy themselves by checking with the company whether information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current data sheets. However, MC-Bauchemie does not warrant or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendations relating to application and end use are given in good faith. The products are guaranteed against any manufacturing defects and are sold subject to MC- Bauchemie's standard terms and conditions of sale.*