

## Corrocoat WR

### Penetrating silane siloxane sealer

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#### Product Features

**Corrocoat WR** is an economical, clear, single component, very low viscosity silane siloxane based sealer, designed to penetrate deep into the pores of concrete, masonry, natural stone and marble, forming an invisible barrier that protects the substrate against the ingress of water, chloride ions, salts and other weathering effects.

**Corrocoat WR** is non-staining and can also reduce the effects of efflorescence particularly in brickwork and natural stone, as it impregnates and seals the surface to stop dissolved salts leaching out.

#### Typical Uses

**Corrocoat WR** is typically used to protect concrete structures, masonry, natural stone and marble finishes particularly in damp, humid & coastal environments where a clear sealer must be used to retain the natural colours and appearance of the substrate. It can also be used on boundary and external walls to protect from rain or moisture, and reduce the effects of efflorescence from dissolved salts.

#### Technical Data

Properties	Test Standards	Typical Values
No of components		: 1
Specific gravity	ASTM D 1475	: 0.96 ± 0.02
Depth of penetration (depends on substrate porosity)		: > 3 mm
Drying time		: 4 minutes

Note: All values given are subject to 5 - 10% tolerance.

#### Directions for Use

##### Preparation

Concrete surfaces particularly if new, should be fully cured with a maximum residual relative humidity (RH) of 75%, clean and free from contamination such as dust, oil, grease, organic growth, release agents & curing compounds.

##### Priming

Priming is not required however please ensure the substrate is clean, dry, sound and free from contamination.

##### Mixing

Stir the material thoroughly to mix any solid materials that may have settled at the bottom of the packaging, until a homogenous consistency is achieved.

#### Application

We recommend checking the substrate before commencing coating works to ensure it is at least 3°C above dew point.

A minimum of 2 coats of **Corrocoat WR** are recommended.

Apply the first coat using brushes, rollers or low pressure spray equipment in a continuous uniform coating, to a theoretical coverage rate of 5 m<sup>2</sup> per litre.

Apply the second coat of in the same manner as the first, allowing at least 2 hours drying time between coats for the solvent to fully evaporate.

A third coat of **Corrocoat WR** may be required if the substrate is particularly porous.

Allow adequate ventilation for solvents and fumes to evaporate.

It is recommended to do on site trials to assess the compatibility with the substrate, suitability of the spray equipment and the actual coverage rates that can be achieved, prior to commencement of the works.

#### Curing

No special curing is required for **Corrocoat WR**.

#### Hot weather conditions

For application above 40°C we recommend adopting the following guidelines:

Store materials in a cool preferably air conditioned environment.

Avoid exposure of materials to direct sunlight.

Keep equipment that will be in contact with the product cool and away from direct sunlight.

Avoid application during the hottest time of day.

This material is highly flammable therefore keep the lid tightly closed on the drum at all times

#### Cleaning

Clean tools and equipment immediately after use with **Corroclean**.

#### Limitations

Substrate temperatures should be above 5°C and rising.

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For application in temperatures above 40°C please refer to hot weather condition recommendations.

Avoid application if the work area may be subject to the onset of rain or moving water.

Additional coating protection should be applied if the product is exposed to chemicals.

All products should be used within the pot life. Materials not used within the specified time should be discarded.

The product should not be thinned with any type of solvent under any circumstances.

If the above general application details do not meet with your requirements, please contact Corrotech for a project specific method statement.

### Estimating

**Corrocoat WR** pack size: 200 litre drums. Coverage rate approximately 5 m<sup>2</sup> per litre per coat

All coverage rates given are theoretical and subject to actual site conditions. We recommend trial areas are done to establish practical consumption particularly for primers.

### Health & Safety

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes.

Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice.

If swallowed, seek medical attention immediately. Do not induce vomiting.

Avoid inhalation and ensure adequate ventilation or suitable respiratory equipment if working in confined spaces.

Do not expose products to fire or naked flames under any circumstances.

Always refer to the product Material Safety Data Sheet (MSDS) for full health & safety and handling recommendations.

### Storage

**Corrocoat WR** has a maximum shelf life of 12 months from the date of manufacture.

To maximize shelf life always store products in their original, unopened packaging in a dry environment, away from direct sunlight with a minimum temperature of 10°C.

Damaged packaging, high humidity or extreme temperatures may reduce the shelf life.