

## CDM 460 - Corrodeco HP

### One coat hydrophobic decorative mortar

Reference No.	TDS / 400 / CCHP
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### Product Features

**Corrodeco HP** is a one coat pigmented water resistant decorative mortar for vertical masonry and concrete walls. **Corrodeco HP** is a light weight product, with excellent smoothing properties and fine texture. It is water resistant when applied over 10 mm thickness. Once dried, it has good surface hardness.

**Corrodeco HP** comes in a range of colours, with UV resistant pigments. It comes in fine, floated or rustic finishes.

### Typical Uses

**Corrodeco HP** is used on concrete or masonry blocks, as well as on shuttered concrete walls and other approved renderings. It is suitable for use on both old and new substrates.

Technical Data	
Appearance	: Cement based with pigments
Composition	: Cement, special mineral aggregates, UV resistant pigments
Grain size	: 0 to 1.5 mm
Water application	: 21 - 23%
Wet density	: 1.8 ± 0.10 kg/l
Wet Volume	: 690 l/ton
Wet mix life	: < 2 hours @ 20°C
Working time	: approx 60 minutes
Consumption	: 1.8 kg / m <sup>2</sup> / mm
Compressive strength	: 4 N/mm <sup>2</sup>
Flexural strength	: 1 N/mm <sup>2</sup>
Applicable Standards	: ASTM C926, C897, BS EN 196, BS 5262, BS 5492

### Directions for Use

#### Preparation

The substrate must be clean, sound, dust free and without any traces of plaster or paint.

Planimetry and plumbline must be compliant with building regulations in force.

**Corrodeco HP** is recommended to be applied directly on block works without using a key coat. However, **Corroplast Keycoat N** or **Corroplast Keycoat MS** are recommended to be applied on smooth concrete prior to the application of **Corrodeco HP**.

#### Mixing

Machine mix one 35 kg bag of **Corrodeco HP** with 7.5 - 8 litres of clean water for approximately 5 minutes until a homogeneous mix is achieved.

If a spray plastering machine is used mixing is carried out automatically. Maintain the consistent water dosage throughout to avoid colour variations.

### Application

#### For colour rendering of concrete and masonry substrates:

*For a rustic / knockdown rustic finish:*

- Apply a level, compact 10 mm thick first coat.
- Allow to dry and then spray on the decorative coat at a thickness of 5 - 10 mm. The knockdown appearance is obtained by pressing a plastic or stainless steel float onto the stiffened coat.

*For a scraped finish:*

- Spray a level, compact 15 mm thick coat. Allow to dry (30 – 45 minutes) and then scrape.

*For a floated finish:*

- Apply a level, compact 7 - 8 mm thick first coat.
- Allow to harden and then apply a second coat.
- Finish with a wooden, plastic or sponge-backed float as desired.

**Note on thickness:** The overall covering thickness must be at least 10 mm before commencing with the rustic / knockdown rustic finishing and after executing the scraped or float finish.

#### For decorating concrete and masonry substrates (pre-coated with plaster such as Corroplast GP, Corroplast AB):

*For a rustic / knockdown rustic finish:*

- Apply a level, compact 5 mm thick first coat.
- Allow drying and then spray on the decorative coat. The knockdown appearance is obtained by pressing a plastic or stainless steel float onto the stiffened coat.

*For a scraped finish:*

- Spray a level, compact 10 mm thick coat. Allow to dry (30 – 45 mins) and then scrape.

**Note on thickness:** The overall covering thickness must be at least 5 mm before commencing with the rustic / knockdown rustic finishing and after executing the scraped finish.

### Curing

Protect the new surface applied from sunshine and wind.

The new plaster has to be cured with water for at least three days by spraying 3 to 4 times daily.

### Cleaning

Clean tools and equipment immediately after use with detergent and water.

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### Estimating

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

**Corrodeco HP** is available in 35 kg bag. Coverage area 1.8 kg per m<sup>2</sup> at 1 mm thickness.

### Limitations

Temperature range should be +5°C to +45°C.

For professional use only.

Dampen the substrate prior to application, dampen the mortar after application.

### 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

**Corrodeco GP** 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 but not exceeding 45°C.

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

### Warranty

The raw materials used in manufacturing are of high quality. However, weather and ambient temperatures, amount of water added, preparation and conditions of base coat, as well as care exercised in application, are factors over which we have no control. We assume no warranty for finished work, either expressed or implied.