

# Highcoat

Water based, interior grade acrylic decorative paint



## Description

Highcoat is a ready-to-use, single component, acrylic based decorative paint specially designed for indoor applications overall common construction substrates such as concrete, masonry and plaster surfaces.

## Applications

Highcoat is designed to provide an aesthetic and decorative matt finishing for all conventional interior wall and ceilings surfaces such as concrete, blocks and cementitious plasters in multi-story buildings and villas.

## Advantages

- ▲ Single component, easy to use.
- ▲ Colour stable.
- ▲ Excellent hiding power (i.e. opacity) characteristics.
- ▲ A Water-based product, environmentally friendly.
- ▲ Can be used on vertical and overhead surfaces.

## Method of Use

### Substrate Preparation

The substrate must be clean and free from oil, grease, dust and laitance. Surface laitance should be removed by light scabbling or grit blasting.

### Priming

For optimum results, it is recommended to prime the substrate with Highcoat Primer 24 hours prior to the application of the topcoat.

Highcoat Primer will not only improve the adhesion characteristics of the topcoat but also it will reduce the needed consumption of Highcoat especially when the application will be taken place over highly absorbent surfaces.

Refer to Highcoat Primer TDS for more information

## Applications

Stir the product well before application. Highcoat can be applied by brush, roller or airless spray machine.

## Technical Properties:

|                                |                               |
|--------------------------------|-------------------------------|
| Density:                       | 1.55 ± 0.10 g/cm <sup>3</sup> |
| Solid content:                 |                               |
| By weight                      | 63 ± 3%                       |
| By volume                      | 41 ± 3%                       |
| Adhesion strength on concrete: | ≥ 1.35 MPa*                   |
| ASTM D4541                     |                               |
| Application temperature:       | 5 to 40°C                     |
| VOC:                           | ≤ 10 g/ltr                    |
| ASTM D2369                     | (complies with LEED)          |

*\*Note: when Highcoat Primer is used*

For the multi-layers application, leave the first layer to dry for 2 - 4 hours (depending on the ambient conditions) before being overcoated with the second coat.

*Note: Highcoat can be diluted with clean fresh water by a maximum of 10% by volume.*

## Cleaning

All tools should be cleaned immediately after use with fresh clean water.

## Packaging

Highcoat is available in 20 kg plastic buckets, other packaging sizes can be available upon request.

## Coverage

Approximately 6 - 9 m<sup>2</sup>/kg per coat to achieve a total of 30 - 45 micron DFT. The actual consumption depends on the porosity of the substrate.

## Storage

Highcoat should be stored undercover at a minimum ambient temperature of 5°C.



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## Shelf life

Highcoat has a shelf life of 12 months from the date of manufacturing if stored in proper conditions and sealed drums.

If these conditions are exceeded, DCP Technical departments should be contacted for advice.

## Cautions

As with all acrylic paints, care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately, do not induce vomiting.

For further information refer to the Material Safety Data Sheet.

## Fire

Highcoat is nonflammable.

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- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.



### Note:

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