

PRODECOAT-0770 (EXTERIOR WALL COATING)

PRODUCT DESCRIPTION

PRODECOAT -0770 is an Environment Friendly, Sustainable, High-Performance Coating using water based Patented Grafted Co-Polymer Technology

PRODECOAT -0770 is a green formulation specifically designed for exterior walls. It offers protection against water leakage, comes in a variety of colour shades and offers superior aesthetic finish.

PRODECOAT-0770 offers excellent UV radiation and Water repellency. Its anti-static properties keep the structure free from Algae, Fungi & Mosses.

PRODUCT HIGHLIGHTS

- Single Pack System
- Quick drying at Ambient Temperature
- Robust Outdoor Stability
- Sustained Resistance to UV Radiation
- Excellent Water Repellency & Water Vapour Impermeability
- Anti-static Properties

GREEN FEATURES

- Zero VOC
- No Odour
- No Fumes
- Non-Toxic- RoHS Compliant
- Energy Saving

APPLICATION SUBSTRATES

- Concrete
- Exposed Brick Walls
- Fibre/ Plastic
- Wood
- Gypsum

SURFACE PREPARATION

All surfaces should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504.

FILM THICKNESS & SPREAD RATE

Film Thickness	-	50-60 Microns/ Coat
Theoretical Spreading Rate	-	10 m ² per Kg/Coat



CURING TIME

Substrate Temperature	-10°C	0°C	10°C	23°C	40°C
Touch Dry (Minutes)	60	50	40	30	15
Dryness for Recoating (Minutes)	60	60	60	30	30
Hard Dry / Complete Cure	24 Hours				

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with good ventilation (outdoor exposure or free circulation of air)

APPLICATION METHODS

Spray - Use Airless Spray

Brush - Care must be taken to achieve the specified Dry Film Thickness.

Roller - Care must be taken to apply sufficient material in order to achieve the specified Dry Film Thickness.

APPLICATION DATA

Mixing Ratio - Single Pack System, Ready to Use

Pot Life - Not Applicable

APPLICATION GUIDELINES (AIRLESS SPRAY)

Pressure at Nozzle - 15 MPa (150 Kg/cm², 2100 psi)

Nozzle Tip - 0.43-0.79 mm (0.017-0.031")

Spray Angle - 40-80°

*Filter Check to ensure that filters are clean.

TEST PARAMETERS

SR.NO.	PERFORMANCE TEST	ASTM STD.	RESULT
1.	Pull Off Adhesion	D-4541	5.5MPa
2.	Elongation Tensile Strength	D-638	530.5% 5.82MPa
3.	Water Vapour Permeability	D-1653-13	9 gms/m ² /24 Hrs
4.	UV Resistance 1000 hrs.	D-4587-05 UV-b-313 nm ⁻¹	No Chalking No Colour Change



APPLICATION PROCEDURE

- i) Open the lid and stir contents slowly
- ii) Do not mix Water or Solvent in the coating
- iii) Apply first coat on well prepared surface uniformly to build DFT of 45 to 50 Microns.
- iv) Allow to dry for 30 minutes & ensure surface is tack free.
- v) Apply second coat to build total DFT of 90 to 100 Microns.

PACKING

5/10/20 Kg Plastic Pails

AVAILABILITY

Available through a network of Distributors/Channel Partners throughout the world, for prompt delivery to customers.

TECHNICAL ASSISTANCE

Complete technical assistance is available and includes fully trained technical service personnel.

HEALTH AND SAFETY

Prior to start of use of this material, please read the Material Safety Data Sheet (MSDS).

WARRANTY






GSCPL guarantees that the products are carefully manufactured to ensure the highest quality and are tested strictly in accordance with acceptable standards.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.

Issued on 03/02/2021 (February 3, 2021) by Greenovoc Specialty Coatings Pvt. Ltd.

This Data Sheet supersedes those previously issued.

 Green Coating Technology	 VOC Free	 No Odour	 No Fumes	 Environment Friendly
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