



Procoat PU

SOLVENT BASED ALIPHATIC POLYURETHANE COATING



DESCRIPTION

Procoat PU is a solvent containing pigmented two component system based on aliphatic polyurethane coating

RECOMMENDED USES

Procoat PU is a high performance polymeric finish system specifically developed for the long term protection of all type of structures such as concrete, brick work, plaster, steel, aluminum and galvanized steel. Sterile areas Hospitals, Pharmaceuticals Food, Drug Industries Residential and commercial buildings internal/ external hygienic wall coating etc.

FEATURES & BENEFITS

Very chemical and abrasion resistant Outstanding Weather resistant Optimum gloss and colour stability Ultra violet stable

APPLICATION INSTRUCTIONS

Surface preparation

Concrete surfaces should be free from laitance & dust by sandblasting. In case sand blasting is not possible, thorough abrading with a hard wire brush can be used, though it is not as efficient. The pre-requisites for good adhesion of the coating are cleanliness, roughness and dryness of the surface. Unless these are ensured by proper surface preparation, a successful performance can not be guaranteed. The degree of dampness of the surface must be less than 4%. Iron and steel surfaces

must be free from rust, scale, dust, grease and other impurities which can prevent adhesion.

APPLICATION

Primer application: Concrete, brick, other masonry and steel surfaces should be primed with Bostik Primer E1.

Coating application: Procoat PU is a two component material which must be mixed together prior to use. The base component should be thoroughly stirred to incorporate any slight separation, while continuing stirring the content of the hardener container should be added and mixed thoroughly to get a consistent coating material, it is recommended that the materials are mixed using a mechanical stirrer fitted to a slowly revolving drilling machine. The coating is applied on the primer applied area evenly and a second coat is applied at right angles so that the entire area is fully covered, after the recommended interval of time.

CLEANING

Immediately after application of Procoat PU, clean the tools, equipment and the mixing container using solvents like Bostik Thinner E otherwise, removal of dried / hardened epoxy mortar is difficult.

COVERAGE

Procoat PU : 0.20 – 0.25 kg/sq.m/ 2 coat.

PACKAGING

Bostik Procoat PU 5 kg

STORAGE & SHELF LIFE

Bostik Procoat PU base and hardener as supplied shall be stored in a cool and dry place away from sunlight, moisture and high humidity and have a shelf life of 12 Months in the original packing.

HEALTH & SAFETY

Bostik PROCOAT PU contains organic resins, hardener, solvents and other filler materials which may cause sensitization by skin contact. Avoid contact with skin and eyes and inhalation of vapour. In case of contact, wash liberally with water and seek medical advice, if required. Wear suitable protective clothing, gloves and goggles while handling.

PERFORMANCE PROPERTIES	
Colour	Any desired colour
Pot life at 27 +/- 2oC,in hours	2
Density	1.25 – 1.35
Minimum hardening temperature oC	10
Curing time, in days	Minimum 7
Time interval between coats	6 -8 hours
No. of coats	Min. 2
Method of application	Brush / Roller
Dry film thickness after 2 coats	80 – 90 microns
Finish	Matt - Semi gloss



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