



## PROCOAT PU

# Two component Solvent Based Aliphatic Polyurethane coating

### TECHNICAL DATA SHEET

#### DESCRIPTION

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

#### USE

Bostik 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 .

#### ADVANTAGES

Very chemical and abrasion resistant

Outstanding Weather resistant

Optimum gloss and colour stability

Ultra violet stable

#### PROPERTIES

Colour : Any desired colour

Pot life at 27 +/- 2°C, in hours : 2

Density : 1.25 – 1.35

Minimum hardening temperature °C : 10

Curing time, in days : Minimum 7

Time interval between coats, hours : 6 -8

No. of coats : Min. 2

Method of application : Brush / Roller

Dry film thickness after 2 coats : 80 – 90 microns

Finish : Matt - Semi gloss

#### APPLICATION INSTRUCTIONS

##### Surface preparation:

Concrete surfaces should be free from laitance and 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:

Bostik 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.

## PACKING

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.

## WARRANTY

Whilst Bostik India P Ltd., strives to ensure that any advice, information or recommendation given are appropriate and correct, it cannot accept any liability directly or indirectly arising out of the products, since the method and place of application of the products are beyond its control. Its guarantee is therefore limited to the quality of materials delivered

## BOSTIK SMART SUPPORT

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