

Product Description

La Brushlastic PU400 is a single component, bitumen extended, water based polyurethane coating with exceptional thixotropic properties ideal for the waterproofing of foundation walls and wet rooms. The material unlike most bitumen emulsion based material, is quick drying and can be applied in thick coats. The coating inhibits root growth for soft plants.

Furthermore, the material has the characteristics of a true elastomer and does not resemble the thermoplastic materials of the same genre.

The coating reinforced with geotextile fabric or fibre mesh will enhance the durability

Uses

Waterproofing and protection of:

- Podium slabs & Large roofs,
- Planter Box & Terrace gardens,
- Concrete Roof, Podium slabs
- Foundation walls,
- Wet area including toilets

Features & Benefits

- Water based
- Easy to apply & repair
- Thixotropic
- Seamless.
- Elastic.
- Quick curing

Application Instructions

Surface Preparation

All surfaces which are to receive the coating must be free from oil, laitance, grease, wax, dirt or any other form of foreign matter which might affect adhesion.

Typically concrete surfaces can be cleaned using high pressure water jet or grit blasting or by proper wire brushing.

Spalled surfaces or those containing large blow holes, cracks and other such defects should be repaired using La Greens Products.

Priming

La Brushlastic PU 400 to be used as primer adding water (1 Part La Brushlastic PU 400 & 1 Part water) It is recommended on the substrate before application of top coat. Required primer to be applied before laying the top coat.

Mixing of primer

Use a low speed paddle mixer for mixing the material in the pail thoroughly by adding equal amount of water i.e Mix 1 part of La Brushlastic PU 400 with 1 Part of water.

Application of primer

Apply the material with rubber squeeze or brush in single coat on the prepared surface.

Top Coat (Horizontal Application)

La Brushlastic PU 400 is recommended to be applied on primer coat. The material being thixotropic 10% water by weight of the top coat can be used while mixing the product i.e., upto 2kg water /20kg pail can be mixed in top coat.

Apply first coat of La Brushlastic PU 400 on the primed surface. Allow the first coat to dry before application of second coat. The coating drying time can be 10-12 hrs depending upon the atmospheric temperature at the time of application.

Vertical Application

The system consist of one primer coat and two top coats with limited dilution for ease of application.

Tacky nature of coating can be little hindrance during application of top coat. If the surface is too tacky coarser quartz has to be lightly sprinkled.

Note: The brushes and tools of application have to be continuously soaked in water when not in use else the bristles will be stiffened and cannot be further used.

Coverage

Top Coat - Consumption:

Primer & Top Coat: Totally 1.2-1.4kg/m² should be consumed in primer coat and top coat.

Note: Consumption varies depending upon the condition of substrates.

Packaging

20kg Pack

Shelf Life

Can be kept for 9 months minimum in the original unopened pails in dry places and at temperatures of 5-25°C. Cover with lid tightly in order to store unused quantities.

Health & Safety

Wash hands thoroughly before eating or smoking. Upon accidental contact with eyes, flush with water and seek medical attention at once. Wear protective clothing and use soap and water to remove material from skin. Keep away from heat.

Technical Properties

In cured form (after application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Specific Gravity	-	-	1.06±0.02g/cc
Solid Content	%	ASTM 2369	62±2%
Hardness	Shore A	ASTM D2240 / DIN 53505 / ISO R868	50
Tensile strength at break @ 23°C	N/mm ²	ASTM D412 / EN-ISO-527-3	2.0-3.0
Elongation	%	ASTM D412 / EN-ISO-527-3	> 500
H ₂ O absorption	%	-	0.5 – 0.8
Shore A Hardness		ASTM D2240	40-50
Pull out Adhesion Test	N/mm ²	ASTM D4541	> 1.0

Important: La Greens India Pvt. Ltd., products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, La Greens India does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.



Smart Solutions for Sustainable Construction

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