Green Flex PU

Moisture Cure Polyurethane Liquid Applied Waterproofing & Insulation Membrane.

DESCRIPTION

Green Flex PU is a single component, highly flexible, moisture cure polyurethane waterproofing & insulation membrane. Green Flex PU waterproofing and insulation system that offers excellent surface properties and overall physical properties. It's basically available in white color that reflects back the ultra violet rays.

ADVANTAGES

Waterproof protective & insulating coating for concrete and steel in a wide range of environmental conditions.

Typical Applications include:

- Podium Decks
- Basements
- Roof Gardens
- Green Roofs
- Stadium Stands
- Cut and Cover Tunnels.

FEATURES & BENIFITS

- Highly Elastic
- High Tensile Strength
- Waterproof
- UV Resistant
- Resistant to Oxidation
- Highly Durable
- Brush/ Roller Applied Application.

TECHNICAL DATA:

Color	White, Grey & Black
Specific Gravity	1.1 +- 0.05 Kg. /- Liter
Packaging	20 Kgs.
Tear Resistance	> 15 N
Shore Hardness	70
Elongation at Break	> 500 %
Tensile Strength	> 8 N
SRI (Solar Reflectance Index)	101
Resistance to Bacteria, Algae	No Attack
Water Vapor Transmission	< 0.7 gm/m2 /- Day

APPLICATIONS

Surface Preparations:

All surfaces must be clean, dry and free from contamination.

Cement Based:

All cracks larger than 1 mm should be treated prior to coating. Water should be sprinkled over the concrete to achieve surface saturated in dry condition.

Steel Surfaces:

Steel surfaces should be grit blasted and cleaned by solvent and kept to dry, prior to coating.

Galvanized and Pre-Fabricated Structure:

The surface must be clean and free of grease and properly powder washed with water jet and dried prior to coating.

Mixing & Application:

- Stir well before use.
- For priming/ 1st coat dilute up to 20% of the Green Flex PU with fresh water and apply with a short stiff brush.
- Once the primer is fully dry, apply two coats of Green Flex PU with a short stiff brush or paint roller.

COVERAGE

Liquid Applied Membrane

Primer + two coats @ 1.5 Kg./- m2

Liquid Applied Membrane with Reinforcement:

• Primer + flood Coat + fiber mesh or non woven membrane + flood coat @ 2-2.5 Kg.m2. Incase fiber mesh or non-woven membrane is to be used as, reinforcement layer between two coats, then apply primer coat, followed by 1st flood coat. Embed the mesh/ membrane over it. Once the 1st coat is dry apply final coat over the embedded mesh/ membrane

CURING

Air cured.

PACKGING

Green Flex PU is available in 20 Kg. Bucket.

CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with plenty of water.

HANDLING & STORAGE:

GS Flex PU has a shelf life of 12 months if kept in a dry cool place in the original packing

Safety Precaution

GS Flex PU, is of low hazard. Protective gloves, goggles and clothing should be worn. Any contact with eyes or skin should be washed off with soap and clean water. Where this occurs, seek medical advice.

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