Valley Rain-Proof

Valley Rain-Proof is a high flexible acrylic emulsion liquid applied, to offer a simple method for waterproofing and vapour proofing for many applications and different substrates.

Uses:

-Roofs, as the main waterproofing on concrete or existing tiles.

-Floors, under or above screeds to provide a damp proof membrane.

-PU Foam, steel and wood substrates.

-Bathrooms and wet areas.

-Food processing areas.

-Balconies, flower boxes.

Advantages:

-High flexibility, extensibility and good crack bridging properties.

-Non toxic, non hazardous, solvent and plasticizer free.

-Quick drying. Typically touch dry in 1 hour.

-Good bonding to many substrates such as concrete, Blaster, brick and steel.

Specifications:

Form: Based on advanced styrene acrylic with filler, pigments and film control agents.

Color: White and Grey are standard colors, other colors are per request.

Packaging: 10 and 20 kgs

Storage: Store protected from direct sunlight and frost at temperature between 5°-35° C

Shelf life: 12 months in unopened original container.

Technical Data:

Density: 1.30 Kg/ltr

Solid Content: 60% ± 2

pH Value: 8.5 ± 1

Water Vapour permeability: < 4 g/m^2 /24hours for DFT of 600 microns at 25 °C/ 75% rh

Resistance to Water Pressure: 0.10 N/mm^2 (Positive head pressure) for DFT of 600 microns at 25 °C/ 75% rh

Bond Strength: On concrete: 1 - 1.5 N/mm^2 (or concrete failure) typical pull-off results after 14 days air-drying.

Tensile Strength at Break: 4 N/mm^2

Coverage: 0.8-1 kg/ m^2 (3 coats)

Method Statement:

Surface Preparation:
All surfaces must be clean, sound and properly cured. Remove all loose materials mechanically, preferably with wire brush. Insure the joints between tiles are properly filled with good cemented paste.

Application:

Step 1: Apply Valley Rain-Proof diluted with 10% water by brush or roller.(primer coat)
Step 2: Apply a generous coat of Valley Rain-Proof into the primer coat. (base coat)
Step 3: (For large areas) Embed the fiber mesh into the base coat while it is still wet. Insure that the fiber mesh is thoroughly embedded and smooth out all air buckets. Overlaps of adjacent membrane must be of minimum of 50 mm.
Step 4: When touch dry, apply a final topcoat (mixed with aggregate (10 –15 % by weight) if needed) to complete the application.

Important Notes:

-Minimum substrat temperature : + 7 °C
-Waiting times between coats: minimum 1 hour and maximum 24 hours
- To minimise the risk of blistering, avoid application of product in or shortly prior to strong sunlight.
- Fiber fabric reinforcement recommended is 0.50 mm made from polypropylene or polyester
- Final drying 6-7 days.

Safety Precautions:
Contact with skin, eyes or mucous membrane may cause irritation. Wear gloves and goggles