

HEAVY DUTY REINFORCED ACRYLIC WATER PROOF COATING FOR TERRACE

Description

Terescoat is a heavy duty terrace waterproofing system, composed of specially developed highly elastic & resilient acrylic polymers, properly selected & graded fillers, light fast & weather durable pigments, additives & best quality fungicidal in water medium. It is used as a liquid applied waterproofing membrane for all types of building terraces. Terescoat is a three-layer system with coats in different colors ensuring proper build-up of the thickness, making it a reliable waterproofing system.

Areas of Application

- It is an ideal material recommended for
- Building roofs / Terraces– Flat & slope
 - RCC Structure
 - Masonry Walls
 - Cooling Tower
 - Bridges
 - Over existing cementitious waterproofing treatments like brick-bat coba& Concrete Screeds

Advantages

- Film thickness** – Provides higher dry film thickness of minimum 1 mm in three coat application.
- Crack bridging** – Good Bridges cracks.
- Suitability** - Can be used for flat as well as sloping roofs.
- Strength** - Good tensile strength, tear resistance & bond strength with cementitious substrates.
- Resilience** - Forms highly elastic & resilient coating so helps to withstand the structural movements.
- Durability** – Resistant to UV & weather conditions.
- Abrasion resistant** – No additional protective coating is required for roof subjected to foot traffic.
- Ease of application** – Can by applied by brush & roller easily.
- Weight addition** – Light in weight does not add extra weight over the roof.
- Toxicity** – It is Non-toxic in nature, Eco-friendly.
- Breath ability** – It is Breathable.

Properties

Surface dry time	30 minutes
Adhesion on concrete	Excellent
Recoating interval	4-5 hrs at 30°C
Elongation @150 micron DFT	Minimum 150%
Crack bridging	0.5 mm
Hardness (Shore A)	80

APPLICATION INSTRUCTIONS & SURFACE PREPARATION

- Concrete surfaces should be free from laitance, impurities, dust, oil, grease and loose particles.
- In existing old terraces such as brick-bat-coba or screeds, the substrate must be checked for its soundness.
- Damaged or hollow portions, sharp edges, etc. must be cut and repaired with a polymer-modified screed.
- Surface cracks must be filled with PRIME COAT or polymer-modified mortar in case of wider cracks.
- The pre-requisites for good adhesion of the coating are cleanliness of the surface. Unless these are ensured by proper surface preparation, a successful performance can not be guaranteed.

Application

- Any deficiencies on the surface should be rectified before applying PRIMER COAT
- Apply Sealer coat for better adhesion and sealing
 - Allow the PRIMER COAT to dry for 2 hours
 - Apply the first coat of TEREScoat at the rate of 2 m2 per liter and allow it to dry before taking up the second and third coats, the rate of application being the same.
 - Allow drying for 4-5 hours before application of second coat
- The sequence of coloursviz-a-viz terracotta, white and grey can be decided depending on the desired `top coat colour. In case only two colours are being used, ensure that the colour of the first and the third coat are the same. This would ensure correct consumption of material that will deliver a total DFT of 1 mm. Ensure that the primer and the 3 coats of TEREScoat totally achieve a minimum thickness of 1 mm DFT. Allow the system to air cure for 7 days minimum.

Arrotile Terescoat

● Limitations

- All corners, gaps, joints, protrusions & outlets shall be coated with two extra coats.
- Do not apply during rains.
- The product is designed only for foot traffic and not vehicular or movement of machinery or equipments

● Cleaning

TERESCOAT is a water based product and hence all tools and tackles can be easily cleaned using water.

● Coverage

- PRIMER COAT : 12 sq.m /ltr/coat

[Add 40% water to TERESCOAT to Make prime coat]

- TERESCOAT : 2 m² per litre per coat

Actual coverage depends on application techniques, ambient conditions, wastage, surface condition etc.

● Packing

TERESCOAT : 5 & 20 Ltrs

● Storage & Shelf life


TERESCOAT as supplied shall be stored in a cool and dry place, away from sunlight, moisture and high humidity. It has shelf life of 12 months in the original sealed packing condition.

● Health & Safety

TERESCOAT is water borne paint & eco-friendly. It is not health hazardous

● Warranty

Whilst ARROTILE CONSTROCHEM, 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 use of the product, since the method and place of application of the products are beyond their control. Its guarantee is therefore limited to the quality of materials delivered.

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