

TETRAKOT WP

SINGLE COMPONENT ACRYLIC POLYMER FOR CEMENT BASED WATERPROOF COMPOSITE COATING MEMBRANE.

● Uses

TETRAKOT WP provides an effective and economical method of waterproofing to concrete and masonry surfaces, by mixing with cement and application by brush.

● Advantages

- Non - toxic, non-flammable and user friendly
- Provides a tough, impermeable waterproof membrane
- Can be applied by brush, on horizontal and vertical surfaces
- Excellent adhesion to concrete and masonry surfaces
- Protects concrete and mortar from natural elements such as wind, rain, sunlight
- Breathable - allows inside water vapour to escape

● Description

TETRAKOT WP is formulated to be mixed with cement on site or simply brush applied over concrete or masonry surfaces to provide an effective waterproof membrane.

● Areas of Application

Below sloping screed or waterproof plaster on:

- Roofs, terraces and balconies as a sandwich layer
- Pools and fountains
- Reservoirs and channels
- End walls subjected to rain

● Properties

- **Water absorption:** 1% maximum
- **Pot life at 30°C:** 30 min.
- **Application temperature:** Not less than 10°C
- **Toxicity:** Non-toxic
- **Bond strength to concrete:** Approx. 1 N/mm²

● Application Instructions Preparation

All surfaces to be treated with TETRAKOT WP must be thoroughly cleaned by a wire brush or other mechanical means, to remove all dust, laitance or debris. The surface must also be free from oil, grease, wax or any other form of foreign matter which might affect adhesion. Spalled and deeply disintegrated concrete or mortar must be removed to a sound substrate and repaired suitably before coating.

● Priming

Before application, the surface should be primed with TETRAKOT WP as follows:

1 part of TETRAKOT WP: 2 parts of Water: 4 parts of Cement Mixed material with the above proportion will cover an area of 16-17m² for 1L of TETRAKOT WP.

● Topcoat

TETRAKOT WP acrylic polymer shall be mixed with neat cement in the ratio of 1:2 respectively, to obtain uniform and consistent slurry avoiding any lump formation. This can be achieved with a low duty, low speed drilling machine attached with a mixing paddle. Do not mix for more than 2 minutes. Do not mix more material than which can be used within the pot life. Retempering the mix with water should not be done. Occasionally stir the material till the entire quantity is applied, so that solids do not settle at the bottom of the container.

● Mixing Ratio

TETRAKOT WP liquid
Neat cement

TETRAKOT WP liquid	Neat cement
0.5	1 kg
1	2 kg
5	10 kg
20	40 kg

For white colour - mix white cement, for other colours; add cement compatible pigments to white cement.

● Application

For best results, wet the surface before coating. Apply the mix with a short, stiff bristle brush like paint to an approximate thickness of 1 to 2mm, during the first 12 hours of curing, TETRAKOT WP surface must be protected from abrasion, rain or other adverse conditions. No traffic shall be allowed within 48 hours after application. Normally 2 coats of application of TETRAKOT WP are recommended. First coat should be allowed to air dry for 5 – 6 hours. After application of the final coat, initial air drying shall be allowed for 2 to 6 hours. During this period water should not be used for curing. Moist curing should be done for the next 24 hours by spraying water on TETRAKOT WP coating.

Following moist curing, TETRAKOT WP should be allowed to dry for three days before subjecting it to submersion in water.

🏠 Plot No.134, Phase B, Golden Green Industrial Park, Khambha, Rajkot-360 311. (Gujarat) INDIA.

✉ arrotileconstrochem@gmail.com

📞 +91 90332 26677

🌐 www.arrotile.com

TETRAKOT WP

● Packaging

Available in 500ml, 1, 5, 20, 50, 200ltr packs.

● Coverage

Priming coat : 16-17 m²/L

Topcoat - 4.5 - 5.0m²/L/ coat.

However the practical consumption varies depending on the texture and porosity of the surface and the application thickness.

● Storage

TETRAKOT WP liquid has a shelf life of 12 months, when stored in unopened containers under normal warehouse conditions.

● Precautions

Health & Safety : TETRAKOT WP is water based and non-toxic. Gloves should be worn during application. Any splashes on the skin or eyes must be washed off with clean water. Incase of prolonged irritation medical advice should be sought.

● Fire

TETRAKOT WP is nonflammable.