

TECHNICAL DATA SHEET: QUATRO COATING

Quatro Coating is a two part acrylic cementitious coating for protection against water, vapor, ingress through plastered block/brick masonry structures. Product is designed and tested as a waterproof coat before application of tiles to ensure effective waterproof envelope in the bathrooms and wet areas.

APPLICATION

Used as a waterproof protective coating for following structures:

- General construction waterproofing.
- Wet area (bathroom, kitchen, balcony, and other features. – moisture vapor barrier)
- Inverted roofs, lift and inspection pits.
- Waterproof coating before application of marble/tile on the outer facade/boundary wall to block ingress of dampness/moisture.



ADVANTAGES

- Excellent waterproof coat
- Good adhesion to both, porous and non porous surfaces
- Good mechanical properties
- Excellent durability.
- Non toxic, suitable for potable water applications.
- Anti Slip, with excellent grip.

TECHNICAL DATA

Appearance / Color	Grey	
Mixed density, [g/cc]	1.8 ± 0.02	ASTM D 1475
Pot Life	45 Minutes	
Tensile Strength	> 6 N/mm ²	ASTM D 412
Adhesion Strength	> 0.5 N/mm ²	ASTM D 4541
Toxicity	Non-Toxic	BS 6920 (WRAS)
Abrasion Resistance	< 55 mg	ASTM D 4060
VOC	< 50 g/l	ASTM D 3960 / D 2369
Drying Time	6 – 8 Hours	
Full Cure	72 Hours	
Service Temperature	-5° to 50° C	
Storage Conditions	Dry	
Thickness of Layer	1 – 2 mm (Two coat application)	
Packaging	Component A: 5 Liter Can, Component B: 22 kg bag	
Shelf Life	1 year	

SUITABLE SUBSTRATE

- Concrete surfaces
- Plastered surfaces
- Concrete Blocks
- Roof Slabs
- Cellular concrete blocks (CLC Blocks)
- Masonary Bricks

SURFACE PREPARATION

The surface must be structurally sound and free of oil, grease, dust and other contaminants which will affect the bonding. Any structural cracks and potholes shall be repaired with SEED repair mortar. The surface to be treated should be presaturated with water prior to application. However, any standing water shall be removed prior to application.

MIXING

Quatro Coating is supplied in two pre-measured parts which just requires on site mixing. Do not mix more material than that can be used within the pot life. One Can of Component A is mixed with one bag of Component B, with additional 5 liters of water. Part mixing can be carried out by mixing 1 parts of powder with 1 part of liquid (by weight) and 1 part water (5 liters). Pour the liquid and water into a suitable container and slowly add the powder to the liquid. Mix the contents using a slow speed drill (300-400 rpm) fitted to a proprietary paddle mixer till a homogenous, lump free and creamy consistency is achieved.

APPLICATION

It is recommended to apply Quatro Coating in two coats to provide a minimum thickness of 2mm. Each coat shall be applied @1.5 kg/m² which will give a dry film thickness of 1mm. The coating can be applied with a stiff brush. After the application of the first coat. The second coat shall be applied after the first coat dries off completely (6-8 hours @25°C, 50% rh). For general protection against carbonation and alkali attacks, the coating can be applied in minimum 1mm thickness.

PROTECTION

Adequate protection needs to be provided for the coating in the following conditions:

- Areas subjected to mechanical abrasion
- Flowing water areas

The coating shall be cured immediately after it dries by wet hessian cloth or mist spraying for a minimum period of 72 hours. The coating will achieve its full mechanical properties within 3 days at 25°C and 50% rh.

WARRANTY

SEED Chemicals Pvt Ltd warrants that Quatro Coating is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage, subject to the terms and conditions stated in SEED Chemicals Product Warranty.

LEGAL NOTICE

The information and, in particular, the recommendations relating to application and final use of SEED products are provided in good faith, resulting from the present knowledge and experience with the products when properly stored, handled and applied under normal conditions in accordance with the recommendations of SEED or its distributors. As long as the use and processing of the product is not subject to our direct influence, we will not be liable for any damages caused by its misuse. We reserve the right to make changes resulting from technical progress.

MANUFACTURER

SEED CHEMICALS (Pvt) Ltd, Pakistan

Address: Building #1, Civic Center, Phase 4
Bahria Town, Islamabad.

website: www.seedpk.com

Phone no: +92 51 5731544 , +92 51 2724373