



CONQUREX HYDROFLEX 2K

Advanced Acrylic Polymer Modified Cementitious Waterproof Coating

Manufacturer

CONQUREX TECHNOLOGIES
WhatsApp: +91-9161327676
Email: info@conqurex.in

Address- Sitapur Road Lucknow 226013

Product Description

CONQUREX HYDROFLEX 2K is a two-component acrylic polymer modified cementitious waterproof coating consisting of a cementitious powder and acrylic polymer liquid. It forms a seamless flexible membrane that protects concrete and masonry against water ingress and environmental exposure.

Typical Applications

Terraces, balconies, bathrooms, sunken slabs, water tanks, podiums, basements, lift pits, retaining walls, foundations, external walls, swimming pools and concrete repair protection.

Advantages

- Flexible crack-bridging membrane
- Excellent adhesion
- UV/weather resistant
- Breathable coating
- Low VOC
- Easy brush/roller application
- Durable protection.

Standards

Suitable for evaluation against relevant waterproofing and adhesion standards where specified by project requirements.

5. Technical Data

Property	Test Method	Typical Value
Appearance	Visual	Grey Powder + White Polymer
Mix Ratio	By Weight	15 kg : 5 kg
Pot Life	@27°C	30–45 min
Density	ASTM	1.65–1.75 g/cc
Coverage	Practical	12–14 m ² /20 kg @1 mm
Full Cure		7 Days
Adhesion	EN 1542	>1.0 MPa
Crack Bridging		Up to 1 mm
Application Temp.		10–40°C

Surface Preparation

Surface must be clean, sound, free from dust, oil, grease, curing compounds and loose particles. Repair defects before application. Pre-wet substrate without leaving standing water.

Substrate	Preparation
Concrete	Clean, sound, SSD
Brick	Remove loose mortar
Plaster	Repair cracks

Mixing

Pour liquid into a clean container. Add powder gradually while mixing with a slow-speed mixer (300–500 rpm) for 3–5 minutes until homogeneous.

Application

Apply two coats by brush or roller. Second coat after first becomes touch dry. Recommended thickness 1–2 mm depending on exposure.

Coverage

Approx. 12–14 m² at 1 mm per 20 kg composite pack; actual coverage depends on substrate.

Packaging

15 kg powder + 5 kg polymer composite pack.

Storage

Store unopened in cool dry conditions. Shelf life up to 12 months.

Health & Safety

Wear gloves, goggles and dust mask. Avoid eye contact. Refer SDS before use.

Disclaimer

Technical information is based on laboratory testing and field experience. Users should conduct site trials to verify suitability.