

CEMFIN 2K

Multipurpose Two Part Elastomeric Waterproofing System

DESCRIPTION

CEMFIN 2K is 2 parts polymer modified flexible cementitious waterproofing membrane coating specially formulated for concrete and masonry surface, which is supplied in ready-mix kits (2 parts). When the dry part is mixed with acrylic-modified emulsion and applied according to direction. The cured CEMFIN 2K will become a tough, flexible and seamless waterproof membrane and will act as an excellent water barrier to concrete and masonry surface.

AREA OF APPLICATION

- Concrete foundations, basements wall and lift pits.
- Swimming pools, water tanks and reservoirs.
- Concealed roofs, parking decks, bathroom, toilet, kitchen, balconies and planters.
- Any other concrete, cement or masonry surface subject to damage from moisture.

FEATURES & BENEFITS

- Quick drying.
- Easily applied by brush or trowel.
- Flexible.
- Excellent adhesion to concrete and masonry substrates.
- Non toxic substances.
- Environment friendly - Volatile Organic Compound (VOC) free .
- Can be applied on damp surface.
- Excellent waterproofing property - No leakage up to 10 m. hydrostatic pressure.
- Economic solution in long run.

METHOD OF APPLICATION

SURFACE PREPARATION

- Allow new concrete and masonry substrate to fully cure prior application.
- All surfaces must be free from oil, grease, wax, dirt or any other form of foreign matter which might effect adhesion. Spelled concrete must be sound before applied.
- Substrate should reach a "Saturated Surface Dry" (SSD) condition (damp, without standing water).



MIXING

- Using portland mechanical mixer, slowly add powder part to liquid part in a clean container until a smooth and homogenous slurry mixture is achieved.
- Allow the mixed slurry to stand for 5-10 minutes for releasing air - trapped during the mixing prior to application. Mixing material must be use within recommended pot life.

APPLICATIONS

- CEMFIN 2K slurry can be applied by brush or trowel. DO NOT dilute with water. Recommended coverage rate is approximately 1.1 kg./m²/coat for 0.8 mm. (minimum 2 coat.)
- Allow the slurry to cure for at least 4 hours before applying the second coat.

CURING

- For maximum protection, allow 12 to 24 hours curing time after the last coat.
- CEMFIN 2K requires at least 7 days before filling spas, swimming pools and water tanks with water as well as mock - up or ponding tests on site.

CLEANING

CEMFIN 2K should be removed from tools and equipment immediately after use with clean water, only hardened material should removed mechanically.

TECHNICAL INFORMATION

Properties	Results
Mix Component	Mix Ratio 1:2 (A: B)
Proprietary Polymer	High quality modified acrylic polymer
Set-to-touch time	45 min
Tensile Strength - as cast	2.5 N/mm ²
Elongation at Break - as cast	60 %
Adhesion to Substrate	0.80 N/mm ²
Adhesion to Concrete at 7 day	1.75 N/mm ²
Immersion in water Adhesion to Concrete at 7 day	1.00 N/mm ²
Crack Bridging	1 mm

PRECAUTIONS & LIMITATIONS

- CEMFIN 2K is not suitable for traffic area application.
- CEMFIN 2K is a pre measure package. Do not dilute with water or add any more sand or cement.

PACKAGING

- Packaging - 3 kg & 15 kg.
- Coverage -1 square meter per kg per coat
(Minimum 2 coats - actual coats may depend on the surface needs).

STORAGE

12 month storage in sealed container at room temperature.

HEALTH & SAFETY PRECAUTIONS

- Non flammable.
- Avoid contact with skin and eyes. Any splashes to the skin or eyes should be washed off with clean water.
- Wear mask when mixing.
- Wear protective gloves and eye protection when applied.

TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of Cemseal Industries Ltd.

NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

Address

Plant 1 : C-1/B-96-97 G.I.D.C Industrial Estate, Kalol, Panchamahar, Gujarat - 389330

Plant 2 : Plot no 30, Marble Market Sejbahar, Rajpur, Chhattisgarh - 492015

Web : www.cemseal.net | **Contact no** : +91 90992 66166