



KEM PRIME 89

K-FIX

CONSTRUCTION CHEMICALS

Water-Based Primer

Efflorescence Resistant Penetrating Primer

DESCRIPTION:

KEM PRIME 89 is water-based primer composed of acrylic emulsion polymer, properly selected fine fillers, white pigments & additives in water as a medium. It is used as primer over exterior & interior building walls before application of other water based paints.

PRODUCT FEATURES:

- ◊ Good binding of chalky or porous substrates and over coating.
- ◊ Used as a primer on internal and external surfaces.
- ◊ Based on chemically inert polymers hence suitable for high alkaline substrates.
- ◊ Provides deep penetration thus imparts excellent substrate adhesion.
- ◊ Provides excellent efflorescence resistance due to its chemical inertness.

PRODUCT SPECIFICATIONS:

- | | |
|---------------------------------------|----------------------------------|
| ◊ Colour | : White |
| ◊ Density @ 25°C, g/cc | : 1.10 +/- 0.05 |
| ◊ Solid content, % | : > 35 |
| ◊ Bonding strength | : Excellent to porous substrates |
| ◊ Tensile strength, N/mm ² | : > 2.0 |
| ◊ Elongation at break, % | : >100 |
| ◊ Efflorescence resistance | : No efflorescence in paint film |
| ◊ Weathering resistance | : Excellent |

AREAS OF APPLICATION:

- ◊ Priming of plastered walls, asbestos, brick, false ceiling, concrete surface, etc.

METHOD OF APPLICATION:

◊ Surface Preparation

Surface for treatment must be thoroughly cleaned of all laitance, loose material, oil, grease, etc.

Mechanical means such as wire brushing & shot blasting can be used.

Finally vacuum cleaning of all loose solids and liquids can be done if required.

All surface cracks upto 5 mm width should be filled up with **KEM CRACKFILL 51**. Cracks more than 5 mm and all separation gaps should be filled up with **KEM BOND 76**.

◊ Application

Mix **KEM PRIME 89** with water in proportion of 2:1 and stir well until a uniform consistency is achieved.

Apply a single coat of diluted **KEM PRIME 89** on the cleaned substrate & allow it to dry for 2 to 3 hours before commencing to further finish coats.

Light cut with sand paper the coating of **KEM PRIME 89** before commencing the finish coats on internal walls.

COVERAGE:

- ◊ 10-12 m² / ltr / coat
- ◊ Coverage may vary depending upon the nature and texture of the substrate



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PACKAGING:

1ℓ, 10ℓ & 20ℓ

STANDARDS

Meets the requirement of ASTM D 1227 – 87, Type II standard.

STORAGE:

Away from direct sunlight

SHELF LIFE:

12 months from manufacture

TECHNICAL SERVICE:

Chembond has established itself in various fields on the basis of its dependable technical service. We maintain a well-equipped laboratory for research and quality assurance of all our products. Our experienced personnel are always on call and readily available for product demonstrations and product performance monitoring. For queries, call 022 3921 3186 or email to feedback@buildsys.co.in



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The information, based on our current level of knowledge, is given in good faith. It relates to the usage of CHEMBOND products when properly stored, handled and applied. Users are advised to carry out trials prior to full scale usage. No assumptions should be made as to a product's suitability for a particular use or application. Users acknowledge this and agree to accept CHEMBOND's technical advice only as a guideline.

WATERPROOFING