



KEM PROOF 90

Integral Liquid Waterproofing Compound

Additive to mortars and concrete

DESCRIPTION:

KEM PROOF 90 is special blend of polymers, surface active agents and reactive chemicals. KEM PROOF 90 is used as an admixture for cement concrete, mortar and plasters. It has plasticizing and water reducing action along with crystal formation to block the pores in cement based products. Due to this it acts as in integral waterproofing agent, making the cement concrete and plasters water tight.

PRODUCT FEATURES:

- ◊ Compatible with most of the portland cement and mortar mixes.
- ◊ Better dispersion of cement particles and increased cohesion minimize segregation and bleeding gives improved surface finish.
- ◊ It retains the breathing efficiency of concrete and plasters.
- ◊ Increases durability by improving integral waterproofing of concrete.
- ◊ It reduces the permeability.
- ◊ It is an economical admixture as consumption is very low.
- ◊ It greatly improves the plasticity and reduces the shrinkage crack development in concrete and plasters.
- ◊ The setting time and compressive strength of the concrete remains within the specification limits.

PRODUCT SPECIFICATIONS:

- | | |
|-------------------------|--------------------------------------|
| ◊ Appearance | : Clear to yellow translucent liquid |
| ◊ Sp. Gravity | : 1.02 ± 0.02. |
| ◊ pH | : 10 to 13 |
| ◊ Setting Time, Minutes | : Initial – 140; Final – 270 |
| ◊ Chloride content | : Nil as per BS 5075 |
| ◊ Water Permeability | : <50 % of control |

STANDARDS:

Meets the requirement of to IS: 2645-1983 standards.

AREAS OF APPLICATION:

- ◊ Roof slabs
- ◊ External plaster
- ◊ Basements and screeds
- ◊ Water retaining structures
- ◊ Bathrooms
- ◊ Water tanks
- ◊ Balconies



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METHOD OF APPLICATION:

- ◊ Add KEM PROOF 90 to gauging water and mix well.
- ◊ Add this gauging water to cement, sand mortar or concrete.
- ◊ Mix all components thoroughly and use.

RECOMMENDED DOSAGE:

100 ml / 50 kg cement

PACKAGING:

100 ml ; 1 l ; 5 l ; 10 l ; 20 l

STORAGE:

Store away from direct sunlight. Keep in a cool and dry place.

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 3187 or email to feedback@buildsys.co.in



Mfd by: Chembond Chemicals Limited,
Chembond Centre, EL-71, MIDC Mahape,
Navi Mumbai - 400 710

For feedback call (022) 3921 3187 or
email to feedback@buildsys.co.in

Website: www.chembondconschem.com

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.