

WATERPROOF MATERIALS

K7 Waterplug

K9 Waerproofing Latex

K10 Seal

K11 Waterproofing Slurry

K12 Flex Waterproofing Slurry

K13 High-flex Waterproofing Slurry

WPS Waterproofing Mortar



K9 WATERPROOFING LATEX

K9 Waterproofing Latex is a single component 100 % Acrylic Copolymer admixture specially developed to improve the waterproofing properties of cementations compositions.

K9 Waterproofing Latex when used in combination with standard quality of ordinary Portland cement, it enhances the waterproofing properties on cement concrete surface. The K9 and cement mixture is flexural, compression and impact strength, Acrylic improves the thin section fragility of cement when used as waterproofing coating.

The cured slurry bonds to concrete and other surfaces and will water resist both positive and negative pressure.

TECHNICAL CHARACTERISTICS

- K9 Waterproofing Latex is easily mixed with cement, cures to a hard, tough, wear resistant surface & bonds(adheres) strongly to most of the building surface.
- K9 Waterproofing Latex and cement mixture is extremely flexible enabling it to cater for limited floor movement while absorbing vibration.
- Being a waterproofing membrane, K9 prevents surface water penetration when applied correctly.
- K9 Waterproofing Latex can be over coated by exterior emulsion coating or cement based products. It can be applied to uniform thickness coating on horizontal and vertical Surface.
- Excellent flexibility.
- Good waterproofing, alkaline and weather resistance.

USES AFTER MIXING WITH POLAND CEMENT

- Can also be used to waterproof terraces, balconies, concrete roofs and cement toppings.
- Provides a totally waterproof system, ideal for use in walls and floors in bathrooms and shower cubicles before laying ceramic tiles, natural stone and mosaic.
- Waterproofing before laying ceramic tiles and natural stone.

- Basements, swimming pools, ponds, tanks, bunds, lift shafts
- Internal and external application
- Suitable for use on concrete, brickwork, blocks, render.

SURFACE PREPARATION

- All surfaces must be structurally sound and free from dirt, dust, laitance, grease, paint, wax, oil and any other loose contaminants.
- Prior to application, remove all sharp protrusions, which may pierce the membrane.
- Any gaps/voids in the substrate must be treated, such that the gap/void is fully supported and firmly filled out.

MIXING

- The mixing ratio is 20kg of K9 Waterproofing Latex to mix with approximately 16Kg of Poland Cement (1:0.8).
- K9 Waterproofing Latex is poured into a clean vessel, and Poland Cement is added, and then mixed with a mechanical mixer (350 rpm) until no lump is left and become a K9 cement admixture.
- It is recommended to use low cycled (350 r/min) electrical mixer in order to make slurry.



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CAUTION

- Do not allow the product to freeze.
- Do not apply if the temperature is in excess of 40°C or less than 5°C.
- Do not add sand to K9 as this will reduce flexibility and can cause cracking.
- Ensure that the membrane is not covered by tiles or other materials for at least 24 hours after the application of the final coat, to allow the membrane to cure. If used in confined areas or in unfavorable weather, the effective drying of the membrane will take longer.
- Products is not recommended for use in areas of permanent water immersion like swimming pools, spas etc. In these cases, it should be used under tiles or leveling mortars or renders.

CONSUMPTION

When used with fiberglass reinforcing:

- 20kg of K9 Waterproofing Latex with 16kg Poland cement will cover approx 15-20m².
- 0.75kg/m² for first coat of K9 cement admixture.
- Applied reinforced woven-mat for second layer.

And using roller to applied 0.75 kg/m² of K9 cement admixture.

- After two coats have been cured, if necessary, apply a third coat of K9 cement admixture.
- These coverage rates are dependent on thickness and site conditions.

PACKAGING

K9 Waterproofing Latex is available in 20kg and 200 kg containers.

STORAGE

Up to 12 months in unopened drums, stored in an elevated, cool dry place.

HEALTH AND SAFETY

- Protective clothing such as goggles, overalls and gloves is recommended to prevent any effect from prolonged skin contact, inhalation or ingestion.
- Refer to Health and Safety Data Sheet.

TECHNICAL INFORMATION
PRODUCT INFORMATION

PRODUCT INFORMATION	
APPEARANCE	Milky white liquid
Application temperature range	45°F to 95°F (7°C to 35°C)
Solids content, % by weight	60
PH	5.7-6.5
Glass transition temperature (Tg), °C	30
Minimum film formation temperature (MFFT), °C	15.0
compressive strength (7 days)	5000 psi (34,5 MPa)
Tensile (7 days)	1700 psi (11,7 MPa)

For further information consult our Technical Department

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