


NEROLAC

PERMA CEMENT PLUS





Nerolac Perma Cement Plus is a specially LS formulated liquid integral waterproofing compound composed of cement compatible, surface active agent, polymers & additives. It is used as an additive for cement concrete and mortar; due to its plasticizing properties. It makes concrete more cohesive and upon curing reduces water permeability.


Product Benefits

 Increase the compressive strength & durability.

 Resists corrosion of reinforcement steel.

 Ensures superior workability.

 Up to 10% of water reduction.

 Reduces rebound losses in plastering & shrinkage crack.

 Waterproofing

Application Areas

Nerolac Perma Cement Plus is used in A type ready mix for waterproofing of concrete and sand cement mortars used in basements, roof slabs and screeds, water tanks and water retaining structures, external and internal plastering, bathrooms and balconies, sumps and drains.

Direction For Use

- Charge cement and aggregates into the concrete mixer as per mix design.
- Mix concrete mortar without adding water for 1-2 minutes.
- Add 3/4th of required water into the mixture and mix for 3-4 minutes.
- In the remaining 1/4th water, add 200 ml of Nerolac Perma Cement Plus for every bag of 50 Kg cement.
- Pour this into the concrete/mortar and mix for 3-4 minutes.
- Discharge the concrete/mortar for application.
- Cure the applied concrete/mortar as per good construction practices.

Application Method



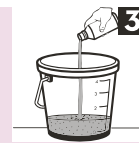
1
Mix concrete/mortar without adding water.



2
Now add 3/4 of required water into the mixture and mix for 3-4 min.



4
In the remaining 1/4 water, add 200ml of Nerolac Perma Cement+ for every bag of 50kg cement.



3
Pour this into the concrete/mortar and mix for 3-4 min.

Technical Data

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free flowing thin liquid
Color		Dark brown
Specific gravity @ 25°C, g/cc		1.10 ± 0.05 g/cc
Application temperature		18 ± 2
Tensile strength, N/mm ²	IS 2645:2003	Initial - 140, Final - 260
Elongation at break, %	IS 2645:2003	More than control
Chloride content, %	IS 2645:2003	Nil
Water permeability, %	IS 2645:2003	<50% of control

Precautions

Cure the applied concrete/mortar as per the good construction practices. Do not add Nerolac Perma Cement Plus directly to cement. Always add through gauging water.

Self Life

Best before 24 months from the date of manufacture when in sealed pack and stored under proper condition.

EHS Information

Avoid inhalation, eye and skin contact. In case of contact, wash with water and seek medical attention.

Dosage

200 ml per 50 Kg bag of cement.

Pack Size

200 ml, 1 ltr, 5 ltr, 10 ltr and 18 ltr packs.

Storage

Keep in cool & dry place, out of reach of children

DISCLAIMER

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KNPBL shall not be liable for any consequential damages arising from the use of our products for unsatisfactory results.

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