

# NEROLAC PERMA

## TRIK

Powder integral waterproofing compound for concrete and plaster.

### DESCRIPTION

For the external and internal protection of concrete or metal tanks containing drinking water, oils, consumable liquids, etc. Best used as floor and wall coating. It waterproofs the surfaces on which it is coated. Used as an impervious, resilient and chemical resistant floor or wall-coating in food processing plants, breweries, canning and bottling factories and general waterproofing. Used as a protective and decorative coating in laboratories, abattoirs etc.

### ADVANTAGES



Trik has effective chemical ingredients which waterproof cement permanently.



Trik is ideal for concrete as well as plasters.



The product disperses uniformly on addition and its effect can be felt in wet concrete itself.



Trik is a small investment for building quality structures which needs the least maintenance.

### ACTION

Trik functions in the following manner:

In-concrete -

- It disrupts the capillary network within the concrete mass which could conduct water through concrete.
- It significantly reduces water demand to bring down W/C ratio in the range of 0.45 which generally represents a sound concrete.

In-mortar -

- It reduces the possibility of shrinkage cracks.
- It improves adhesive and tensile properties of mortar.

### CAUTION

A good waterproof concrete or plaster is achieved by good construction practices. Precautions to be taken to achieve the goals include:

- Proper mix design.
- Selection of good aggregates, sand and cement.
- Adhering to W/C ratio in the range of 0.45.
- Proper mixing, placing and curing.
- Use of a good integral waterproofer.

It is emphasised that integral waterproofer and plastcisers only help in making a good concrete better. Hence observance of good construction practices is of utmost importance for achieving the overall goal.

## DIRECTIONS FOR USE

Add Trik in concrete and mortar along with water at the rate of 500 gms per bag of cement.

## PROPERTIES

Form	: Powder
Chlorides	: Free from any added Chlorides
Nitrates	: Nil
Compatibility	: Compatible with all OPC, SRC and Slag cements.

## DOSAGE

500 gms/50kg bag of cement.

## PACKING

Trik is available in 500 gms pouch & 20 kg bulk packing.

## SHELF LIFE

Trik has a shelf life of 24 months from the date of manufacture if stored in original packing.

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