# SMARTCARE VITALIA NEO

Asian Paints Causeway SmartCare Vitalia NEO is an integral liquid waterproofing compound with advanced formulation and superior plasticizing additives for cement concrete, mortar and palsters. The product is formulated with selected surface active plasticizing agents, chemicals & additives which make the cement concrete / plaster mix cohesive and upon curing, reduces water permeability.



WATER BASED

LEAD FREE*GUARANTEE

*All Asian Paints Causeway products contain no added Lead, Mercury, Arsenic or Chromium from April 2008.

## PRODUCT BENEFITS

**Water Impermeability**
Improves waterproofing of concrete & hence increases durability

**Compressive Strength**
Imparts higher compressive strength even at more than recommended dosage

**Compatibility**
Mixes easily with concrete / mortar mixes

**Shrinkage**
Resists crack formation due to drying shrinkage

**Workability**
Improves workability of freshly mixed cement concrete

**Corrosion Resistance**
Resists corrosion of reinforcement steel due to water and chloride ions penetration

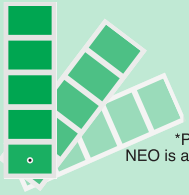
## PRODUCT FEATURES

### AVAILABLE PACKS




Shelf life : If stored in original sealed container, 2 years from the date of manufacturing.

### COLOURS AVAILABLE



**Clear***

*Please note : SmartCare Vitalia NEO is an Integral waterproofing liquid.

### COVERAGE

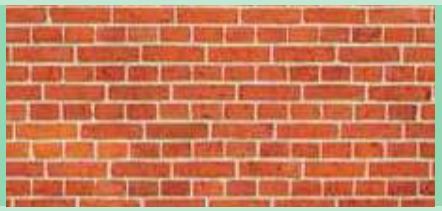


200 ml
per 50 kg
bag of cement

### RECOMMENDED USAGE







Waterproofing of concrete and sand - cement mortars used in water tanks & water retaining structures, basements, roof slabs and screeds, external and internal plaster, bathrooms, sumps and drains, brick laying mortar

## HOW TO APPLY

### APPLICATION PROCESS

| APPLICATION | PROCEDURE |
|---|---|
| STEP 1 | Charge cement and aggregates to concrete mixer as per the mix design |
| STEP 2 | Mix in dry state for 1 - 2 minutes |
| STEP 3 | Add 50 to 60 % of mixing / gauging water |
| STEP 4 | Mix for 2 - 3 minutes |

### APPLICATION PROCESS

| APPLICATION | PROCEDURE |
|---|---|
| STEP 5 | Stir the Vitalia NEO container well before use |
| STEP 6 | Vitalia NEO needs to be added as per the recommended dosage into the remaining mixing / gauging water, then add to concrete mixer and mix for another 2 - 3 minutes |
| STEP 7 | Place the concrete or apply plaster as needed |
| STEP 8 | Cure the applied mortar or concrete as per good construction practices |

# ADDITIONAL INFORMATION

## POST PAINTING CARE

For the best performance of the paints, ensure proper washing and cleaning of all algal and fungal growth, If any, at regular intervals of six months.

## PRECAUTIONS

- Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hrs of application.
- Do not over-thin or over-extend the brush.
- Do not dispose of excess material over natural vegetation.
- Avoid contact with bare skin. In case of contact, wash the effected part immediately with water.
- Do not add Vitalia NEO directly to cement or dry mix. Always add to gauging water. Maintain water cement ratio as low as possible.

## TECHNICAL DETAILS

A. Form : Liquid having very low viscosity.
B. Density : 1.00+/-0.1
C. Standard Compliance : Meets and exceeds requirement of IS9103 for water reduction & IS 2645 for water impermability.

## SAFETY FEATURES

- Kindly refer to the MSDS for Asian Paints Causeway SmartCare Vitalia NEO which gives detailed information on safety measures while handling the paint which is available on request.
- Store the container with the lid tightly closed in an upright position, in a cool, dry place.
- Keep out of reach of children and away from eatables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact immediately wash skiin with soap and plenty of water. Get medical attention if irritation develops or persists.
- It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- In the event of spills, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.
- Non flammable.

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