



Smartcare Vitalia NEO

Integral Liquid

Description

Asian Paints Berger SmartCare Vitalia NEO is an integral liquid waterproofing compound with advanced formulation and superior plasticizing additives for cement concrete, mortar and plasters. 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.

Uses

- 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

Packing

1, 5 & 20 Ltr

Dosage

- 500 ml per 50 kg bag of cement.

Properties

Type	Modified SBR dispersion
Colour	clear
Form	White Liquid
% Solids	40-42%
Specific Gravity	1 to 1.1

Application Method

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

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

Post painting care

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

Technical Details

- a. Form: Liquid having very low viscosity
- b. Density: 1.00+/- 0.1
- c. Standard Compliance: Meets and exceeds requirement of IS 9103 for water reduction & IS 2645 for water impermeability

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.

Safety Features

- Kindly refer to the MSDS for Asian Paints Berger 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 skin 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.
- Non flammable

Note: The information supplied in our literature or given by our employees is based on extensive experience and, together with that supplied by our agents or distributors, is given in good faith to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of work, we accept no liability for any loss or damage which may arise as a result thereof.

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