

CALISTO PLAST N PROOF

Liquid Integral Waterproofing Compound for Concrete and Plasters

DESCRIPTION

CALISTO PLAST N PROOF is an integral waterproofing compound, ideal for use with both Concrete and Plasters. Calisto plast n proof is based on specialized surfactants and synthetic resin which impart superior flow and cohesive properties in concrete and mortars. Use of Integral waterproofing compounds in concrete and mortar is one of the precautions taken to achieve a waterproof concrete or plaster.

ADVANTAGES

Concrete and plasters admixed with Calisto Plast N Proof exhibit the following advantages:

- Durability is increased due to air entrainment.
- Segregation bleed and thereafter honeycombing is prevented.
- Surface finish of concrete and plaster is improved.
- Attacks by Sulphates and chlorides from ground water in coastal areas is well tolerated.

ACTION

Calisto plast-o-proof functions in the following manners:

1. In concrete.

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

2. In Mortar.

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

NOTE

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

1. Proper mix design
2. Selection of good aggregates, sand and cement.
3. Adhering to W/C ratio in the range of 0.45.
4. Proper mixing, placing and curing.
5. Use of a good integral waterproofer. It is emphasized that integral waterproofer and plasticisers only help in making a good concrete better. Hence observance of good construction practices is of utmost importance for achieving the overall goal.

DIRECTIONS OF USE

Add Calisto Plast N Proof in concrete and mortar along with water at the rate of 100 ml per bag of cement, in demanding situations the dosage could be doubled.

DOSAGE

100 ml per 50 kg bag of cement. In demanding situations dosage could be doubled.

TECHNICAL PROPERTIES

| | |
|------------------|--|
| Appearance | Dark Brown liquid |
| Specific gravity | 1.105 at 20°C |
| Chlorides | Free from any added chlorides. |
| Sulphates | Free from any added sulphates. |
| Nitrates | Nil |
| Compatibility | Compatible with all OPC, SRC and slag cements. |
| Specification | IS:2645-2003 |

STORAGE & SHELF LIFE

Calisto Plast N Proof has a shelf life of 14 Months from date of manufacture if stored in a cool and dry place.

HEALTH & SAFETY

Exercise caution and use protective clothing such as gloves and goggles. Inhalation of vapour or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air & if need be start artificial respiration. Give oxygen if breathing is labored & call emergency medical help. In case of eye contact flush with water for 15 minutes and call for medical help. If swallowed will cause nausea, vomiting, and loss of consciousness. Do not induce vomiting rather call for medical help. If contact with skin flush with water/soap & water until all traces are removed. Seek medical attention if required.



MANUFACTURED BY

Gala no. 8/2, Shalimar industrial estate,
Survey no. 89/1/2 Dayat falls, Silvassa- 396230

Customer care:
sales.constroplus@gmail.com



MARKETED BY

A9/201, Eco valley, kanhe Mumbai Pune Highway,
Kanche, 412106

Tel no. +91 98224 03250
calistochemicals@gmail.com