



CWC® SMART PINK

New generation Polymer based Liquid integral waterproofing compound for concrete, mortar and plaster.

Description

SMART PINK is a Specially formulated liquid integral water proofing compound for concrete, mortar and plaster, based on new generation polymers owned by CWC technology, surface active agents and additives.

SMART PINK waterproof by improving the quality of the concrete or mortar. It reduces the water demand for required workability and minimizes segregation and bleeding. Thus, it is more efficient compared to traditional powder and conventional Integral waterproofing compounds as its use results in two-fold improvement of concrete or mortar.

Technical Properties

Chemical Base	: Integral Waterproofing compound
Form	: Pink colored Hazy liquid
Specific Gravity	: 1.12 ± 0.02
Air entrainment	: ≤ 1.5 % over control mix.
pH	: ≥ 6
Chloride Content	: Nil, as per BS - 5075 (Part-I), As per IS:2645-2003
Compatibility	: Can be used with all types of cements, including pozzolanic but not High Alumina Cement.
Setting Time	: No significant effect on setting

* The uniformity & Mechanical parameters like specific gravity, Air entrainment etc. will vary for specific customer requirements and mix design. Please refer our MTC issued for specific product configuration for measuring our product parameters that will be constantly and consistently administered.

Characteristics / Advantages

- **Advanced Technology:** New generation molecule yields high performance concrete. Suitable for any grade of concrete, Mortar and Plaster.
- **Corrosion resistant:** Meets the requirements of Japanese code JIS Z1535 (modified) first of kinds in the integral water proofing range.
- **High Strength:** Due to better dispersion of cement particles and helps in the better degree of hydration yielding high strength compared to control.
- **Cohesive Mix:** Improves workability and cohesiveness of the concrete.
- **Durability:** Improves durability due to reduction in permeability of concrete and corrosion resistance of steel
- **Compatibility:** Easily dispersible and compatible with all varieties of Portland Cement including Slag Cement
- **Shrinkage:** Reduced shrinkage cracks in concrete & mortar, better finish
- **Increase Productivity:** Less time is required for plastering hence saving on labor cost per sq foot ▪

Domin Applications

SMART PINK water proofing of concrete and mortars used for

- Roof Slabs and screed
- Basement
- Water tank & water retaining structures
- Bathrooms and balconies
- External plastering
- Repair and renovation
- Sumps and drains



APPLICATION INSTRUCTIONS

- Add cement & aggregates to concrete mixer as per the mix design, mix in dry state for 1 minutes.
- Start addition of 75-80% mixing water & mix for 2-3 minutes.
- SMART PINK is added as per the recommended dosage into the remaining mixing / gauging water, then add to concrete mixer & mix for another 2 minutes.
- Place the concrete or apply plaster, as needed.
- Cure the applied mortar or concrete as per good Construction practices or use **CWC® Kure** curing compounds.

Dosage: The Optimum dosage is 100ml for 50kg of cement.
Site trials shall be carried out to validate the optimum dosage.

Note: Mix using SMART PINK will require much less water than normal mix for the same workability. Water reduction may be as much as 10% or more. If the moisture content of the sand or aggregate changes i.e., it becomes wetter or dryer, then the amount of water used must be reduced or increased to give the original workability

Packaging

5kg,20kg, 50kg HDPE Container & 200Kg

Storage

Shelf life 12 months. if kept in a dry store in unopened containers, temperature below 50°C.

Compatibility

SMART PINK is suitable for use with all types of Portland cements, SRC cements and cement replacement materials such as PFA, GGBFS and micro silica. it not suits for High Alumina Cement

The use of a combination of admixtures in the same mix and or cement replacements may alter the setting time. Trials should always be conducted to determine such setting times

Safety

Before use, refer to the Material Safety Data Sheet.
The MSDS is available on www.cwcchemicals.com

Concrete Works Construction Chemicals Private Limited (CIN: U74999PN2021PTC199740)

Corp. Office: Office No. 70, Mahavir Center, Fourth Floor, Sector 17, Vashi, Navi Mumbai 400703.

Reg. Office: 1471 D.B. House, Office No. F-4, 4th Floor, Madhav Nagar Road-EWSD Sangli, 416416

Regional Offices

MUMBAI:

E-401, Tower-2, Plot No. R1, Sector - 40, Seawoods, Darave, Navi Mumbai-400706, Maharashtra, INDIA.

CHENNAI: Plot No.494/ 1A, 2A. Koladi Road, Thiruverkadu Main Road, Ambattur, Chennai - 600058 Tamil Nadu, INDIA



An ISO 9001 - 2015 Certified

