



IS:2645
ISI
CM/L : 8674396

IS 2645 : 2003

CAM-99 is triple action unique composition of Organic & Inorganic chemicals. Specially formulated for integral self waterproofing, free flow concrete, to resist growth of microorganisms and fungus. For effective waterproofing to fill up capillaries in concrete and masonry work. Water reducer and plasticizer for cement concrete to manufacture precast structure prestressed concrete, tiles saving in cement, water, time, labour, cost etc. Life of steel reinforcement is also considerably enhanced.

Area of Application...

Powerful admixture for cement concrete and plaster in buildings and construction jobs like : plinth, columns, beams, reservoirs, safety tanks, basements, toilets, bathrooms, kitchens, tiles, roofs, terrace, parapets, chhajjas, watertanks, bridges, channels, seawalls, dams, highways, swimming pools, ponds and fountains etc.

Note : Coverage on well finished surfaces about 80 to 100 sq.ft. per kg.

Available Packings :
100ml., 500 ml., 1 Ltr., 3 Ltr., 5 Ltr.,
10 Ltr., 20 Ltr., 50 Ltr., 200 Ltr.



MULTIPLE ADVANTAGES

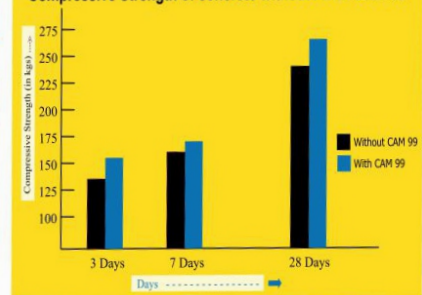
- Ensure homogeneous and consistent mortar mix with no risk of segregation.
- Due to fast wetting of cement particles lumps are not formed and the cohesive mix ensures compact mass formation thereby increasing strength of the concrete.
- Long lasting control of slumps loss.
- Increases workability and finish without raising water
- Good green stability with increased durability and low water pick up of concrete.
- Reduces cracks and shrinkages in cement concrete making the concrete impermeable.
- Resists frost and prevents efflorescence.
- Prevents water condensation on interior walls by allowing normal breathing of concrete.
- The life of steel reinforcement increases due to negligible chlorides & sulphates in the product.
- Concrete structure becomes more dependable due to lower permeability and extra strength at an early stage.
- It allows early removal of form work due to early gain of strength gives high mechanical properties to the production of concrete elements. Safe eco friendly, hygienic and powerful antifungal, antimicrobial.

Chemical Test

Contents	Requirement of ISI 2645	
Total Chloride (d)	0.05% max.	0.030%
Total Sulphate (So ₃)	0.05% max.	0.038%

Days	Requirement of ISI 2645	Without CAM-99	With CAM-99 2ml./kg. cement
3 Days	134.4 mpa	152.5 mpa
7 Days	155.5 mpa	170.7 mpa
28 Days	150 mpa	229.6 mpa	261.3 mpa
Slump		20mm	35mm

Compressive Strength of concrete without / with CAM-99



How to Use

- Add only 100ml. of CAM-99 for every 50 kg cement. To disperse thoroughly, the recommended dose of CAM-99 is mixed into the gauging water required to prepare concrete mortar. Cure with water as per good construction norms.



Precaution & Limitations :

If splashes on body, wash with soap and excess of water immediately.
DISCLAIMER : The product information & application details has been given in good faith and as a general guideline. The company does not assume any liability for unsatisfactory results and damage.