



# SIDDHI VINAYAK CONSTRUCTION CHEMICAL PVT. LTD.

## TECHNICAL DATA SHEET

### Plaster Care<sup>TM</sup> Shrinkage Reducer Concrete Admixture

#### DESCRIPTION

SVCC PLASTER CARE Is An Integral Water Proofing Compound Ideal For Use With Both, Concrete And Plasters. PLASTER CARE Is Based On Specialized Surfactants And Synthetic Resin Which Impart Superior Flow And Cohesive Properties In Concrete And Mortars. Use Of Integral Water Proofing Compounds In Concrete And Mortar Is One Of The Precautions Taken To Achieve A Waterproof Concrete Or Plaster.

#### PREPARATION FOR USAGE

The normal recommended dosage is between .4 To .8 Out Of Cementitious Material by weight of cementitious material. The optimum dosage of PLASTER CARE to meet specific requirement should always be determined by trials using the materials and conditions that will be experienced in use. Stir well before use.

#### DIRECTIONS FOR USE

Add Svcc Plaster Care In Concrete And Mortar Along With Water At The Rate Of 200 To 500 Ml Per Bag Of Cement, Depend On Mix Design Ratio In Situations The Dosage Could Be Added .

#### ADVANTAGES

- Improve workability & Good adhesion.
- Low shrinkage during drying.
- Improve surface finish of wall.
- Excellent durability of plaster.
- Bleed reduction due to the greatly improved setting times.
- Reduces water curing period.
- increasing excellent Waterproofing.
- Reduces Efflorescence.
- Excellent water Resistant.
- eco-friendly.

## PACKAGING

- SVCC PLASTER CARE Is Available In Packs Of .5KG , 1KG , 2.5KG , 5KG , 25KG.

## SELF LIFE

12 months from date of production if stored properly in undamaged unopened and original sealed packaging.

## STANDARDS

- IS 9103:1999
- ASTM C 494

## HANDLING AND STORAGE

Store in a moist free, cool and dry conditions. Protect from direct sunlight and frost. Handle the product(s) very carefully during transportation.

## LIMITATIONS

Plaster Care shall not be added to dry cement. Dosage beyond limits can be used to meet particular mix requirements in consultation with SVCC technical department. Over dosage may cause delay in the setting time and segregation.

## COMPATIBILITY

SVCC PLASTER CARE Compatible With All OPC, SRC And Slag Cements.

## PROPERTIES

- Chemical name: Polymer base
- Appearance: Deep brown colored liquid
- Specific Gravity:  $1.23 \pm 0.02$  @  $27^{\circ}\text{C}$
- Ph value at  $23^{\circ}\text{C}$  :  $> 6$
- Density:  $1.23 \text{ Kg/L}$  at  $25^{\circ}\text{C}$
- Solubility: completely soluble in water
- Viscosity (cps): 70 at  $28^{\circ}\text{C}$
- Solid content [% Weight]:  $\sim 25 \pm 1.0\%$
- Chloride Content below 200ppm.

## SAFETY PRECAUTIONS

SVCC PLASTER CARE is non-toxic and nonflammable. Splashes on eyes has to be immediately washed with plenty of water and seek medical advice.

Wear all PPEs at the time of the application like safety boots, goggles, hand gloves and masks. Avoid contact with skin and eyes. Any direct skin contact with the products should be washed off thoroughly with soap and water.

## CAUTION

SVCC Plaster Care Good Waterproof Concrete Or Plaster Is Achieved By Good Construction Practices. Precautions To Be Taken To Achieve The Goals Include.