

# SAFE CRETE®

THE ULTIMATE SHIELD OF CONSTRUCTION

Integral Waterproofing Compound and  
Rust protecting Admixture

## TECHNICAL DATA SHEET

### DESCRIPTION

It's a complete cement admixture of advanced technology. Superb plasticizing, water reducing, high early and final strength providing, excellent water proofing, strong reinforcements cement concrete bond making and corrosion resistant agent. Highly economical/profitable for building construction Industries and prestressed R.C.C. industries.

### KEY BENEFITS

Provides high workability and flowability, retards the initial settings time (Till the compaction is done) for perfect working. Makes concrete and mortar remarkably cohesive (overcomes segregation problem even with higher cement water ratios) and improves bonding strength. Provides high strength at suitable dosage. Improves coverage of plaster with classic waterproof finish. (15% more coverage. With white cement, snowcem, durocem etc. provides 30% extra, waterproof coverage). Provides excellent water proofing properties. Provides excellent resistance to sewage water, seawater, acid rains, salty atmosphere of coastal regions etc. Provides a corrosion resistant coating over reinforcement and makes strong bond between the cement concrete and iron reinforcement making the R.C.C. Structures remarkably strong, highly tensile and extremely durable. Early deshuttering in R.C.C. roof slabs – 4 days (within 10ft span) and 8 days (more than 10ft span) (using minimum M15 grade cement concrete mix.)

### AREA OF APPLICATION

For Waterproofing of sand-cement mortars and concrete used in Basements, External plastering, Beams & Columns, Roof slabs and screeds, Water tanks & water retaining structures, Bathrooms and balconies, Sumps and drains.

### TECHNICAL PARAMETERS

Visual Appearance	Free flowing Liquid
Color	Light blue
Relative Density at 25°C	1.30 – 1.35
pH(as such)	12 ± 2
Chloride Content Maximum	0.2% passes IS:2645:2003
Setting Time	Passes IS:2645:2003
Water Permiability	Passes IS:2645:2003
All above test completed at 25°C.	

### APPLICATION GUIDELINES

Dosage: Mix 200ml of SAFECRETE in plain water of concrete / mortar mix which need to be use for 50Kg of cement.



### MIXING

SAFECRETE is supplied in a ready to use form. For better homogeneous mixing Shake Well & add this in water which will be used for concrete mix.

Note: Do not add high dosage than recommended.

### PACKAGING

SAFECRETE is available in Pack size of 1, 5, 10, 20 & 50 Liter. Packaging size may vary subject to local regulations and customer requirements.

### STORAGE & SHELF LIFE

SAFECRETE should be stored at room temperature (min 10°C and max 40°C). Kept in dry and away from sunlight. Shelf life is 5 years if stored as specified. Protect from wet and rainfall areas.

### PRECAUTIONS & LIMITATIONS

Do not add Safecrete directly to dry cement & aggregate mix. Maintain water-cement ratio as low as possible.

### HEALTH & SAFETY

Safecrete is not a health hazard or fire risk. Spillages should be washed immediately to avoid possibilities of slipping. Use rubber hand gloves & safety goggles, while using Safecrete. In case of contact with Eyes & skin, wash with plenty of water. Keep out of reach of children.



**SMVD INDIA**

ISO 9001:2015 Co.

2087, Prabhu Kripa, Radha Krishnan Ward, JABALPUR - 482001

M : 8962016429, E-mail : info@smvdindia.com

www.smvdindia.com