

TECHNICAL DATA SHEET

DESCRIPTION

Plasto Shield is a specially engineered liquid admixture designed for integral waterproofing in plastering applications. It contains a unique blend of plasticizing agents, polymers, and performance-enhancing additives that improve mortar properties when mixed with cement and sand on-site. This solution ensures cohesive, non-segregating plaster mixes with enhanced workability and reduced cracking, making your structures longer-lasting and more durable.

KEY BENEFITS

- Advanced Bonding Technology for Plaster.
- Reduces Cracks & Enhances Durability.
- Superior Weather & Water Resistance.
- Provides Extra Coverage.
- Improves workability.
- Compatible with All Cement Based Plasters.

AREA OF APPLICATION

Internal and external plastering Ceiling and overhead plaster
Waterproofing in cement-sand mortars.

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 27°C.	

APPLICATION GUIDELINES

Dosage: Mix 200 ml. of Safecrete Plastoshield in plain water for making Mortar with 1 bag (50 kg.) of Cement.

MIXING

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

PRECAUTIONS & LIMITATIONS

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

HEALTH & SAFETY

Safecrete Plastoshield 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 Plastoshield. In case of contact with Eyes & skin, wash with plenty of water. Keep out of reach of children.