

TECHNICAL DATA SHEET

DESCRIPTION

Safemite is an antitermite admixture for solid wood, soil & cement construction. Safemite is chloride free. It is an initial cement setting retarder and high early and final strength giving solution, also acts as an antitermite agent. It resists rust, environmental pollution and is an excellent waterproofing agent in water soluble liquid form. Safemite converts high heat cement into low heat cement.

KEY BENEFITS

- Initial cement setting retarder and high early and final strength giving solution.
- Acts as an antitermite agent.
- It resists rust and environmental pollution.
- An excellent water proofing agent and converts high heat cement into low heat cement

AREA OF APPLICATION

In cement constructions

The site of the house to be fully saturated with 10% safemite solution (200 ltrs water and 20 ltr safemite) in 1000sqft area for antitermite effects. For masonry works & plaster of walls safemite solution of 0.5% (200ml safemite per bag 50 kgs of cement, for general purpose and 400 ml per bag 50 kgs of cement for basements & R.C.C. roof) may be used for double strength and antitermite effects.

In Solid wood Furniture, Doors and Window frames

Application of 1 coats of pure solution of safemite resists termite. If there is termite in old furniture, the furniture may be cleaned properly and 1 coat of pure "SAFEMITE" solution may be spread or brushed on the surface of wood and dried properly before application of paint.

Fields, Terrace gardens, Kitchen gardens etc.

In kitchen gardens, terrace gardens and fields 1% solution of safemite should be used for saturating the fields before the plants are planted (& thereafter the land should be irrigated with plain water for at least 15 days). The plants will grow properly and termite will never destroy them.

TECHNICAL PARAMETERS

Visual Appearance	Free flowing Liquid
Color	Voilet
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 SAFEMITE in plain water of concrete / mortar mix which need to be use for 50Kg of cement.



MIXING

SAFEMITE 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

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

STORAGE & SELF LIFE

SAFEMITE 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 Safemite directly to dry cement & aggregate mix. Maintain water-cement ratio as low as possible.

HEALTH & SAFETY

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



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