

Aaradhya Curing Compound

Aaradhya Aluminum Resin Based Curing Compound

A curing compound based on aluminised synthetic resin for the prevention of premature water loss from concrete. It is in ready to use form and simple to apply. It has aluminum flakes for reflection of heat and thus providing extra cover for prevention of water loss.

Salient Features:-

Aaradhya Aluminum Resin Based Curing Compound provides the following characteristics:

- Reduces incidence of plastic cracking
- Reduces shrinkage
- Reduces dusting
- Increases frost resistance
- Replaces labour intensive curing methods such as wet-Hessian, watering, etc.
- Promotes strength gain in concrete.
- Improves the long-term durability of the concrete.

Name of Curing Compound	28 days strength
Water Curing	35 Mpa
Air Curing	20 Mpa
Aaradhya wax based curing compound	31 Mpa
Aluminium resin based curing compound	32 Mpa

Type	Aluminized Resin
Color	Silver Grey
Specific Gravity	1.10 kg/L
PH	8-10
Drying Time	2 Hrs
Loss of water	0.4 kg/sq-mt in 72 hrs
Daylight Reflectance	75%
Application Rate	7-8 sq.mt/L



Application

Aaradhya Aluminum Resin Based Curing Compound is ready to use. Do not dilute. Stir well before use. Aaradhya Aluminum Resin Based Curing Compound has been designed for spray application to the newly laid concrete once the surface water has evaporated. A thin layer of curing compound then applied to the whole surface using a hand operated spray gun. For large areas application can be done by power driven automatic equipment. After application, the area must be protected from rain for at least 2-3 hours.

Aaradhya Master Curing Compound

Aaradhya Aluminum Resin Based Curing Compound

Typical Application

- Highways, airport runways
- Concrete pavements, bridge decks
- Industrial floors, dry shake hardened floors
- Canal linings, dams and other irrigation related structures.
- Precast concrete components, ramps and walls, retaining walls Roof slabs, columns and beams
- Chimneys, cooling towers and other tall structures
- Sport arenas and ice ring RCC repaired sections

Features

- Quickly and easily applied by brush or spray application
- Forms an efficient barrier for moisture for optimum curing of concrete
- Eliminates the requirement of water in traditional concrete curing method
- Keeps concrete cool by reflecting light and heat and maintains uniform temperature throughout the section of concrete
- Breaks down by natural weathering to allow subsequent applications over the cured concrete
- Suitable for interior and exterior application
- Minimizes the chance of surface cracking

Precautions & Limitations

1. Do not dilute the material with solvent or thinner.
2. Keep away from direct flame
3. Soft settling may occur. stir properly before applying
4. Clean the surface thoroughly to remove all traces of film before application of plaster or any subsequent application for excellent adhesion.

Health & Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

Aaradhya Curing Compound on Strength Property

Type	Name of curing compound	Dosage	28 Days Strength for M25 grade of concrete
Aluminium Based	Aaradhya Aluminium based curing compound	7-8 sq.mt/L	32 Mpa
Wax Based	Aaradhya Wax based curing compound	7-8 sq.mt/L	31 Mpa

