

WEATHERTUFF[®]
CONSTRUCTION CHEMICALS



**DIAMOND
SHIELD**

MODIFIED MORTAR
Two Component ready to use mortar

DIAMOND



SHIELD

DESCRIPTION :

FLEXIBLE, WATERPROOF & PROTECTIVE SLURRY.

Super Structures, Residential Flats, Complexes and Luxury bungalow of today have water leakage a very common problem.

These kind of irritating water leakage problems are cause due to :

1. Inferior or substandard quality or raw-material.
2. Poor workmanship or method of work.
3. Extremity of weather conditions.
4. Natural or man made pollution.
5. Aging of building by wear & tear.
6. Corrosion of structure Steel in the Slab, Column or Beam due to Chlorination and Oxidation.

To overcome water leakage problems INTEGRAL CEMENT ADDITIVES are many a times recommended by experts, at the time of construction. However you are not sure of its effectiveness and there always remain a question weather or not they are used ? Or they are used properly ? Hence there may remain water leakage, after the hard earned money is spend. An effective water proof coating which lasts life time is the answer to this.

A QUALITY PRODUCT FROM WEATHERTUFF® DIAMOND SHIELD

An ultimate solution to all water leakages in masonry work.

A two component ready to use Diamond Shield is an ultimate and effective long term shield suitable for Roofs and Walls Storage water tanks, Basements Water canals and Bridges. It is also recommended as coating of Structure Steel, to protect them from Chlorination and Oxidation.

ADVANTAGES :

1. Cost effective & ready to use two components, nothing else to be added.
2. Higher flexibility than regular mortar to resist damages caused by mild structural movements.
3. A special coating for Tor-or-Twisted-Structure steel to make them resistant to corrosion due to chlorination and oxidation.
4. Simple application by brush, Masons Apparatus, or Plastering Applicators.
5. Environment Friendly.
6. Costs much less than any other mortar repairing methods.

NOTE :

For all sun exposed DIAMOND SHIELD coatings, it is essential to over coat with

- a) SEALERCOAT® : An elastomeric flexible coatings when waterproofing is required.
- b) INSULTEC® : An elastomeric flexible coating when solar heat insulation along with waterproofing is required.

This will ensure protection of DIAMOND SHIELD coatings against. U.V. and I.R. rays and will give long life to coatings.

APPLICATION :

1. It can applied on Terrace, parapet walls, sloppy roof & side walls of building with 3 to 5 mm thick layer coating.
2. It gives excellent results when applied in the sunk portion of the Bathrooms and Toilets.
3. To make water tight canals & continuous water protection, it is recommended to make 8 to 10 mm layer of Diamond Shield, on wired plasters.
4. For coating structure steel.
5. Very good alternate for silk smooth (Double Mala) plaster for interior & exterior & finishes.
6. Apply as an under layer for Terrace tiles work, or glazed tiles. And also as filler to tile joints.
7. It can be applied on Bitumen, & other waterproofing products.

HOW TO USE

ON REGULAR TERRACE OR WALL

1. Clean surface thoroughly with water & remove the flacks with scrapper.
2. Take part-1 (Dry part) in vessel. Add part-2 (Liq. Part) in it & mix well.
3. Mix both the parts thoroughly & add a small quantity water to make homogeneous slurry for application.
4. This mixture is to be utilized within 5-6 hrs time. If possible, prepare the mixture under the shadow to have a more pot life.
5. Curing is required by sprinkling water at every 3/6 hrs interval, for first 24 hours.

ON STRUCTURE STEEL

1. Mix part A and B thoroughly and make a homogenous paste.
2. Add about 10 to 15% of potable water to make slurry brushable.
3. Apply thick coat of Diamond Shield Slurry by brush on Structure Steel when they are laid in grid for R. C. C. slab/column for centering. For complex grid steel can be coated before bending also. If any cracks found after bending just re-coat such crack.
4. Allow coating to dry completely for 3-6 hours.
5. Pour Cement Concrete on such prepared centering Slab, Column or Beam.

COVERAGE :

On smooth surface, it gives 4 to 6 sq. ft. in 2 coats. We recommend three coats to get best result in water tanks.

For Structure Steel Coatings apply 2 to 3 mm thick coat by brush.

PACKING SIZE : (INTWO PARTS TOGETHER)

1kg., 5kgs., 25kgs., 50kgs.,

Manufactured By :

CHITRA INSULTEC PVT. LTD.

Ahmedabad - 380009. (Gujarat) INDIA



Marketed By :

WEATHERTUFF MARKETING

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