

CLEARSEAL

FOR ROOF WATER PROOFING TREATMENT

If you are aiming for an ultimate in roof technology, there's a little that can top CLEARSEAL by NBSPL. It is the top in terms of performance, and the apex of easy application.

CLEARSEAL WATERPROOFING TREATMENT can be done over an existing roof, or used in new construction projects. It can be executed anywhere, on all roofs, even the most treacherous places where other conventional treatments usually fail. Few, if any, roofing systems can reduce time, labour and material cost and few can offer its outstanding durability.

WHY SHOULD YOU CHOOSE CLEARSEAL WATERPROOFING TREATMENT FOR ROOF

Our CLEARSEAL-MESH combined treatment for roofs will give:

- ⇒ Outstanding durability and weatherability.
- ⇒ High flexibility and thick coating that can withstand structural movements. Due to its elastomeric properties, it can resist moving and expanding cracks.
- ⇒ Seamless coating over the entire structure.
- ⇒ Excellent adhesion to all roofing substrates.
- ⇒ Low installation and labour costs.
- ⇒ Easy maintenance.
- ⇒ Negligible load addition to the roof.
- ⇒ High reflectivity property of white CLEARSEAL, reducing solar heat considerably, which mean energy saving in air conditioned building.
- ⇒ Superior resistance to water ponding.
- ⇒ Exceptional resistance to UV degradation.
- ⇒ Guaranteed water proofing for a period of 5 years minimum.

DIRECTION

SURFACE PREPARATION

Flat concrete roof should be swept clean of all loose dust particles, laitance and debris. Old bitumen layer, if any, should be removed by mechanical scrapping. Prepare CLEARSEAL primer by mixing CLEARSEAL with water in the ratio 1:2. Apply this primer over the cleaned surface by brush application. Since the primer's consistency is very thin, it can penetrate into cracks and form a thin coat to receive a thicker coat.

APPLICATION

First coat of CLEARSEAL is applied on the primed surface with the help of brush. A polyester filament mesh is then laid over the first coat ensuring that it sticks properly. This acts as a reinforcement increasing the tensile strength of the film. This is necessary to prevent damage to the film over the joints or the cracks taking place due to expansion contraction or structural movement. The second coat of CLEARSEAL is then applied over the mesh after an interval of 4 hours.

Where ever heavy foot traffic is involved, we suggest to provide following wear resistant coat.

Prepare a mixture of SEALCRETE, FLEXCRETE and WATER in the ratio of 8:1:3 to form a paste like slurry. Apply this slurry over CLEARSEAL coat by brush application to a thickness of 1 mm. The layer should be allowed to cure for a minimum of two days.

The treatment of SEALCRETE and FLEXCRETE provides excellent resistance to abrasion and protects the CLEARSEAL layer from heavy pedestrian traffic.

Though CLEARSEAL is very easy to apply, professional skill is required for optimum performance and cost effectiveness. Proper and elaborate surface preparation is prerequisite.

TECHNICAL DATA

POT LIFE	2.4 hrs at 30 degree centigrade
METHOD OF APPLICATION	Brush or roller.
NO.OF COATS RECOMMENDED	2(min.)
RECOATING INTERVAL	4hrs(min.)
DRYING TIME	20 min.(surface dry) and 2 hrs.(hard dry)
FILM CURE	7 days
COVERING CAPACITY	1.2 to 1.5 meter square per kg.(depends on porosity)
SURFACE FINISH	Matt.
SHELF LIFE	Minimum 6 months if sealed drum is not opened.