

ACROPOXY DP

Water Thinnable Damp Proof Epoxy Coating for Interiors



DESCRIPTION

A two part, chemically cured, water based epoxy sealer membrane for most porous building components.

USES

For curing, seepage and dampness problems on interior or exterior surfaces of basements, tunnels, lift wells, retaining walls, floors, below grade car parks, etc. Excellent on fresh concrete after it has hardened and is ideal as waterproof membrane on concrete floor slabs under carpets and other floor coverings.

FEATURES

- Cured membrane will withstand approx. 2.5 kg/cm² hydrostatic pressure or equivalent to around a 25 metres head of water.
- Can be applied onto damp surfaces.
- Does not impair bond of subsequent adhesives or paints.
- May be tinted with universal paint tinters.
- Non-flammable, odourless and low toxicity.
- Can be applied to interior or exterior surfaces.

COLOURS

White / Grey. Other colour may be available on request.

PERFORMANCE

- Adhesion** : Excellent to correctly prepared surfaces such as brick, concrete block, masonry, concrete and asbestos cement. Also to galvanized steel and timber.
- Gloss** : Semi-gloss
- Hydrostatic Pressure** : With withstand up to approx. 2.5 kg/cm² or 25 metre head of water.
- Over painting** : May be over painted with most decorative paints.

METHOD OF APPLICATION

Surface Penetration

All surfaces must be structurally sound and all previous coatings shall be removed by chipping, power wire brush, sand –blasting or other suitable methods. Any efflorescence and laitance must be removed also preferably by acid etching with a 10% solution of Hydrochloric (Muriatic) acid and water. After bubbling ceases scrubbing with stiff broom at the same time. Do not allow etching solution to dry before rinsing.

Holes, cracks and friable areas must be patched with a mortar prepared from 1 part cement 2 parts fine, washed sand and 1 part **ACROPOXY-DP**. Allow to dry for 3-4 hours at 25°C. Free flowing leaks can be sealed using **ACRO-2**. It is user's

responsibility to check surface soundness using small hammer and to satisfy himself that such actual surface conditions of use are suitable.

Very dry and porous surfaces should be soaked with a fine mist water spray before application of **ACROPOXY-DP** for better results.

MIXING

Stir both parts separately to overcome settlement, which may have occurred; ensuring the stirrer is cleaned before using for the second part. Pour equal weight of Part A and Part B into a clean container. Mix with a slow speed power drill fitted with a stirrer or manually for at least 3 minutes. After mixing leave it for 5 to 10 minutes to release entrapped air. Do not mix more than 2 litres of material at a time that can be applied in 30 minutes at 25°C.

TECHNICAL DATA

Pot life	: 1 hour at 25°C and 30 minutes at 40°C.
Min. Dry Film Thickness	: 200-300 microns on rough surfaces.
Coverage	: 1 st coat on rough surfaces 4 m ² /kg and on smooth surfaces 6 m ² /kg. 2 nd coat on rough surfaces 6 m ² / kg and on smooth surfaces 7 m ² / kg.
Curing	: Recoat after 2 hours. Full Cure 7 days at 25°C - 40°C.
Specific Gravity	: 1.22 ±0.05
Gloss	: Semi Gloss
Flash point	: Not applicable

APPLICATION

Apply by long nap roller or stiff nylon brush taking care to work **ACROPOXY-DP** in different directions to avoid pin holing. Allow to cure for approximately 72 hours at the rate of 25°C/ 50% R.H. before applying any decorative overcoats. At least 2 coats are recommended, more coats are required to get more water tightness of the film.

THINNING

Generally thinning is not recommended; however it is possible to add up to 1 part water to 10 - 20 parts of total **ACROPOXY-DP** at the time of mixing. Mix water and mixed **ACROPOXY-DP** thoroughly. Do not add extra water when the mixed material is approaching to thickening.

CLEANING

Wash all equipment with water/ detergent solution before product cures.

Acropoxy DP



PACK - A



PACK - B



Acropoxy DP

PACKAGING

'ACROPOXY-DP' is available in 1 Kg (**Pack - A** and **Pack - B**) kits.

STORAGE

The unmixed and unopened containers have a shelf life of 12 months when stored in temperatures above 0°C and in a dry place.

ADDITIONAL INFORMATION

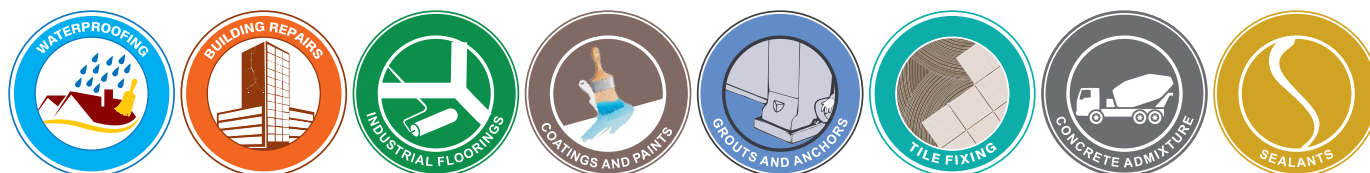
Our technical service team is available for on site assistance and advice in using our all products. A very wide range of our products like water proofer, plasticiser, super plasticiser, accelerators, retarders, air entrainers, anchor products, bonding agents and repair material is available for all round solution of civil construction problems.

WARRANTY

Whilst all reasonable precaution has been considered in compiling technical data on our products, all recommendations or suggestions, regarding the use of such products are made without guarantee since the conditions of use are beyond our control.



Other Products Categories available:



WATERPROOFING, REPAIRS, FLOORING, EXTERIOR COATINGS, WATER REPELLENT COATINGS, TILE FIXING, GROUTS, CONCRETE ADMIXTURES, ADHESIVES & SEALANTS, ETC.

For further information and terms of sale, please contact : The Technical Manager




acro paints

Acro Paints Limited



Acro House, 452, Phase-5, Udyog Vihar, Gurugram, Haryana. INDIA | Tele.: 0124-4817070 (40 Lines), Toll Free : 1800-11-8880

E-mail : support@acropaints.net, Website: www.acropaints.net (CIN NO. : U24119DL1989PLC036308)