
NURACOAT HYDROPOXY TECHNICAL DATA SHEET

TWO PART EPOXY RESIN COATING

Description:

Nuracoat Hydropoxy is a water based 2-Pack epoxy hardener coating for waterproofing concrete substrates. Nuracoat Hydropoxy is designed as a non flexible membrane coating to be used on dry and damp masonry, concrete and brick substrate, to stop water or water vapour.

Typical Uses:

Designed to be used as a waterproofing membrane on areas subjected to dampness and water seepage. Areas include interior concrete walls and floors, underground basements, car parks and lift wells.

Physical Properties:

Binder Type	Epoxy Resin
Solvent	Water
Colour	White
Finish	White
Dry Time	2 hours at 25°C. Full cure after 7 days.
Recoat time	2 hours at 25°C. Maximum 48 hours
Number of Coats	2
Film Thickness	100 microns WFT(total 2 coats)
Theoretical Coverage	10m ² /litre over bare concrete,(per coat) dependant on porosity and profile.
Thinning & Clean Up	Water
Pot Life	2 hours @ 25°C
Packaging:	4 litre units (8 litres total)

Surface Preparation:

Ensure the substrate to be coated is structurally sound prior to application. Remove all loose material and remove all contaminant and grease by washing with degreaser and clean water and allow to dry. Inspect substrate and remove all existing coating and repair any surface imperfections with Nurapatch compound.

Wet surfaces should be dried as much as possible with a hot flame. Application to a damp surface is acceptable, but will not accept free standing water or water flow.

Mixing:

1 Part A epoxy to 1 Part B hardener by volume.

Prior to mixing, stir each component ensuring homogenous and uniform. Mix both components together with a low speed drill and spiral mixer at 300rpm for 10 minutes and ensure homogenous and uniform. Scrape the sides of the mixing pail with a broad knife to ensure that there is no unmixed components. Always avoid air entrapment during mixing.

Application:

Brush and roller(short nap synthetic) to a wet film build of 360 microns. Allow to dry for 2 hours at 25°C before application of the second coat. If applied after 48 hours sand down the first coat and vacuum off before application.

Do not apply if temperature is below 10°C or above 35°C

Do not apply if the substrate temperature is 10°C or less as curing will be retarded.

Do not apply if rain is expected or in extremely high humidity greater than 85% R.H.

Performance & Limitations Performance:

Always check the Part A Epoxy component to ensure uniform and homogenous prior to use and mixing with Part B hardener.

Nuracoat Hydropoxy is not ultra-violet stable nor to be used as a trafficable coating.

Avoid water and solvent adhesives between Nuracoat Hydropoxy and impermeable floor coverings, as entrapment will occur leading to potential flooring problems.

Health & Safety:

Waterborne

Nuracoat Hydropoxy is a water reducible non toxic coating. It is non flammable and requires no special handling. We recommend the use of a barrier cream for hands when applying.

Transport UN No. : 3082

Class : 3

Hazchem : 9

Storage:

Avoid freezing or temperatures in excess of 50°C.

IMPORTANT NOTE

This product as supplied by **Nuralite Waterproofing Ltd** is warranted to conform to those physical properties listed in the Typical Properties section of this information sheet. Otherwise the information presented including that on suggested areas and methods of use is in good faith only and is specifically without recommendation or guarantee as to particular suitability. It is the responsibility of the purchaser to satisfy itself that the product is both fit for the purpose intended and that their use of the product can and does achieve that purpose in any particular instance or condition. Usage rates are presented as an initial guide only and do not account for wastage or substrate or build variations.