

DESCRIPTION

CAPOXY CLEAR is a two-component solvent-free epoxy resin, designed to provide smooth glossy clear coating on concrete surfaces with excellent resistance to mechanical stress and chemical attack. To get a slip resistant finish, broadcasting of nonskid grit is recommended after application of first coat.

USES

- Food processing plant
- Warehouse floors.
- Chemical plants.
- Manufacturing plants.
- Fabrication facilities.
- Walkways.
- Garages.
- As a protective coating over epoxy screed

ADVANTAGES

- Can be applied on non-slip floor finish.
- Excellent resistance to variety of chemicals.
- Easy to apply.
- Provides excellent wear under traffic.
- Free of solvents for low-odor and safe applications.

PROPERTIES

Colour	: Clear
Finish	: High Gloss
Unit Wt Kg/Liter	: 1.07
Pot life @ 25 °C	: 40 min
Initial hardening hrs	: 4-6
Recoat time hrs	: 24
Full cure days	: 7
Flexibility	: Good

CHEMICAL RESISTANCE

Resistance to spillage ASTM D-1308

Acetic acid 5 %	: Pass
Sodium Hydroxide solution 5 %	: Pass
Nitric acid 5 %	: Pass
Hydrochloric acid 5 %	: Pass
Sulfuric Acid 5 %	: Pass
Citric acid 5 %	: Pass
Methyl alcohol	: Pass
Vegetable oil	: Pass
Sea water	: Pass
Sugar solution	: Pass
Kerosene	: Pass
Toluene	: Pass
Diesel	: Pass
Xylene	: Pass

DIRECTIONS FOR USE

Substrate preparation

It is essential that CAPOXY CLEAR is applied on sound, cleaned dry substrate in order to achieve maximum adhesion between the epoxy coat and substrate.

New concrete floors must be cured and prepared as per standard construction norms. The substrate must be firm dry and free from oil, grease, curing compounds and all other contaminants. All loose particles and excess laitance should be removed by mechanical or chemical method.

All cracks over 2 mm wide should be filled with Epoxy mortar or Epoxy putty.

Priming

Apply a prime coat of CAPOXYPRIME SPL (if required) either by brush, Roller or air less spray equipment .Primer should be allowed to dry before over coating.

Mixing

Stir each component separately, with a slow speed drill having a mixing paddle attachment.

Transfer part B to part A and mix together for 3 minutes. Carefully scrape the sides and bottom of the pail during mixing reduce wastage by not making up more material that can comfortably be applied within the pot life.

APPLICATION

First coat

Having made the necessary preparation and primed if necessary, apply CAPOXY CLEAR by brush or roller at the rate of 5 – 6 m² per liter. To obtain anti skid surface, fine quartz grains should be lightly and uniformly broadcasted over non cured coat. Care should be taken to avoid non uniform application of anti slip grains.

Top coat can be applied within 24 hours of first coat application.

Apply second coat of CAPOXY CLEAR by brush or roller at a rate of 5 – 6 m² per liter.

CLEANING OF TOOLS

Immediately after use, remove uncured CAPOXY CLEAR from tools and equipments by using CAP THINNER Cured material may only be removed mechanically.

PACKAGING

CAPOXY CLEAR	: 20 liter kit (A+B)
	: 4 liter kit (A+B)
CAP THINNER	: 5 Liter
NON SLIP GRAINS	: 25 Kg Bag

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TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

As all Ahlia Technical Data Sheets are updated on a regular basis, it is the user responsibility to collect most recent issue

COVERAGE

Base Coat	: 5 - 6 m ² /liter/coat
Cap floor grain	: 1.5 - 2 kg/m ²
Top coat	: 5 - 6 m ² /liter/coat

STORAGE

Store under shade between 10⁰ C to 35⁰ C.

SHELF LIFE

24 months in sealed original containers, under recommended storage conditions.

SAFETY PRECAUTIONS

- Keep container closed when not in use.
- Keep out of reach of children.
- Both components are irritant, prolonged contact with skin or eye may cause sensitization

FIRST AID

Skin contact

Wash thoroughly with soap and water.

Eye contact

Flush immediately with clean water and seek medical advice.

Respiratory problems

Remove affected person to fresh air immediately and contact physician.

Hygiene

After use Wash hands immediately with CAP THINNER Followed by soap and wa

