

YASH EPO COAT 174



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Two component epoxy based zinc rich primer for steel.

Description

YASH EPO COAT 174 is a two component, epoxy solvent based, zinc rich coating, designed to provide active anti-corrosion coating for steel reinforcement, steel structure, tanks, pipelines, plant components, etc.

Applications

YASH EPO COAT 174 is used as protective and anti corrosion coating for all forms of steel structures and re-bars. Also suitable for coating over galvanized steel.

Advantages

- + Provides a protective coating from corrosion for steel, and galvanized steel substrates.
- + Excellent resistance to salt and chloride attacks.
- + Excellent over coating characteristics.

Method of Use

Substrate Preparation

The steel surface must be cleaned from any corrosion deposits and loose scale. It is recommended to use grit blasting for surface preparation. Steel brush can be used for steel cleaning. In all cases the steel should be clean and bright after cleaning.

Mixing

To ensure proper mixing, a mechanically powered mixer or drill filled with suitable paddle should be used. Stir the content of each component separately to disperse any settlement. Add the entire content of the hardener to the base and mix for 3 minutes and until uniform colour and consistency are achieved.

Application

YASH EPO COAT 174 can be applied by brush, roller or airless spray machine. The first coat should be applied to obtain a continuous uniform coating. Where needed, a second coat should be applied within the over coating time to achieve the maximum adhesion between the two coats.

Application should be carried out as soon as possible after finishing the surface preparation, and in all cases not exceeding 4 hours.

Technical Properties:

Colour:	Grey , red, green
Mixed density:	1.35 ± 0.05 kg/ltr
Pot life:	90 - 120 min @ 35°C 120 180 min @ 25°C
Touch dry:	90 min @ 35°C
Minimum recoating time:	5 hr @ 35°C
Working temperature:	5 - 45°C
Service temperature:	Up to 60°C
Volume solids:	50 ± 5%

Packaging

YASH EPO COAT 174 is available in 1 and 5 kg packs.

Coverage

The coverage rate per 5 kg pack is between 15 - 25 m² to give a dry film thickness between 70 - 120 micron/coat.

Storage

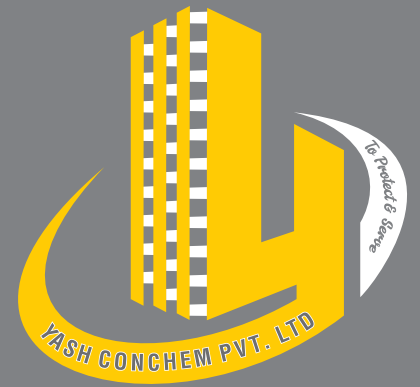
YASH EPO COAT 174 has a shelf life of 6 months from date of manufacture if stored in dry conditions away from direct sunlight at temperatures between 5°C and 35°C. If these conditions are exceeded, YASH Technical department should be contacted for advise.

Cautions

Health and Safety

YASH EPO COAT 174 should not come in contact with skin and eyes. In case of accidental splashes to the eyes, rinse thoroughly with clean water and seek medical advise. Suitable protective gloves and goggles should be worn.

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Fire

YASH EPO COAT 174 and YASH solvent are flammable.
Ensure adequate ventilation.

Do not use near a naked flame and do not smoke during use.

Flash Point :

YASH EPO COAT 174 : 40°C.
YASH solvent: 37°C.

More from YASH CONCHEM Products

A wide range of construction chemical products are manufactured by YASH which include:

- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.