

PC Coat Pitch EP



Tar based epoxy resin coating

Product Overview

PC Coat Pitch EP is a two component ready-to-mix tar based epoxy resin which is applied in 2 coats of desired thickness to suit the exposure conditions. It is also available in marine grade for applications necessitating biocidal and anti-microbial effect.

Areas of applications

1. Water storage tanks, channels and waterways etc.
2. STPs and WTPs, manhole sewage ways linings
3. All chemicals processing plants
4. Foundations waterproofing.

Properties

1. PC Coat Pitch EP is very economic as it eliminates the application of primer.
2. It is extremely resistant to abrasion due to harsh chemicals and prohibits all kinds of microbial growth, hence increasing the life of the substrate beneath.
3. It also acts as an impervious waterproofing membrane.
4. It can be applied to fresh concrete surface using brush, roller or spray

Guidelines for Usage

1. Surface preparation : Concrete surfaces to be treated should be clean, dry and free from laitance. Sandblasting or mechanical wire brushing may be necessary. Metal surfaces should be grit blasted to a shiny finish.

2. Priming : Concrete surfaces need not to be primed. But Steel surfaces should be primed as soon as they are being sand/ grit blasted, to eliminate the formation of rust.

3. Mixing : Both the components [i.e. Part-A (Base) and Part-B (Hardener)] should be poured into a suitable mixing container. Then, they should be mixed properly and uniformly using a mixing paddle for 5-7 minutes at a slow speed. Mixing should take place in an open and well ventilated area.

3. Application : It is recommended to apply minimum 2 coats to ensure a full unbroken coating.

Brush application: After mixing, apply the first coat of thickness greater than 250 microns. It should be allowed to dry for 6 hours prior to the application of second coat. Apply the second coat after the first coat dries off completely and its thickness should not be less than 200 microns. Allow it to dry for 3 hours.

Spray application: It is the most preferable method when treating large areas. For further discussion on application, kindly contact Mcrete technical representative.

Coverage area

Coverage of PC Coat Pitch EP is wholly dependant upon surface conditions, site trials are therefore recommended to ascertain actual usage on uneven substrates. However, as a guideline, we can consider coverage as 5m²/litre at 200 micron thickness per coat..

Packages available

PC Coat Pitch EP is available in 15.2 kg (10 ltr.) packs i.e. Part A (7.6 kg i.e. 5 ltr.) and Part B (7.6 kg i.e. 5 ltr.). Other packings are available depending on the order request.

Storage and Shelf life

PC Coat Pitch EP should be stored away from direct sunlight and heat. It has 12 months shelf life when stored in original, dry and unopened packs.

Safety Measures

PC Coat Pitch EP must be stored in dry place. Proper safety precautions and tools must be taken into consideration, i.e. wearing safety gloves, safety goggles, safety apron and nose masks, etc. Treat splashes to eyes and skin immediately. Reseal containers immediately after use. For further related to application and safety precautions, please contact Mcrete technical representative.

Technical data

Aspect	Black/brown viscous paste
Solids	100%
Mixed Density	1.52 g/cc
Pot Life	75 minutes at 25 °C 30 minutes at 40 °C
Overcoating time	6 hrs for first coat 3 hrs for subsequent coats
Curing efficiency	93%
Water penetration	Nil
Acids/ alkali/ solvents/ aqueous salt solution resistivity	Excellent

For further clarifications Please contact on below address

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