

Epotar



Epoxy paint modified with albino tars

Very good chemical resistance

It is suitable for wet surface



Code

0226

Description

It is a single amine - epoxy coat modified with albino tars

Use

This product is suitable for the protection of steel structures to be used in very aggressive environments such as continuous immersion in sewage, marine or underground waters. It can be used as a single coat for the protection of concrete structures used in water purification, for immersion in marine or underground waters.

Appearance of the film

Matt

Color

Black

Components

2

Hardening

Chemical reaction between two components

Specific weight	1,600 gr/ml (A + B)
Volume of solids	85%
Voc	182 gr/liter
Minimum thickness	120 micron
Estimated yield	7 m ² / litre for a thickness of 120 microns
Flash point	Component A 27°C Component B 60°C Thinner 27°C
Humidity resistance	2000 hours total absence of blistering thickness 120 microns
Adhesion	On brushed steel 8MPa
Preparation of metallic substrates	Oxidised steel without calamine: Mechanical cleaning at grade St3, of Svensk Standard SIS 1967. For artifacts to be exposed in highly aggressive environments, a sandblasting up to the grade SA 2 ½ is required. For old paints: descaling and the next dust removal.
Preparation of concrete surfaces	New concrete: Acid washing in order to remove laitance layers and efflorescence or hydro sanding Old concrete: Hydro sanding and removal of traces of greases or oils with a sterilization with flame.
Preparation of the product	Mix the product according to the following ratio by weight: Component A : 100 Component B: 10 Mix Component A separately and then add Component B and mix together
Induction time	Not expected

Pot life

4 hours a 20°C

Environmental conditions

Ambient temperature: from + 10 to 35° C
Temperature of the support: > 5° C
Humidity: 0 - 85 %
In order to prevent the formation of condensation, it is necessary that the temperature of the substrate is at least 3° C above the dew point.

Drying and hardening time

For the thickness of 150 microns (wet)	5° C	20° C	30° C
Dry to touch	12	4	1 hours
Dry in depth	24	8	4 hours

Time of overpainting

	5° C	20° C	30° C
Minimum (hours)	24	8	4 hours
Maximum (months)	Unlimited		

Application

Brush, roller, airless, spray
If you use the brush, you have to use nylon or pure bristle brushes.
If you use the roller, you have to use medium - haired rollers.
For the application, use the method of crossing coats.
Airless:
Nozzle size: 0,43 - 0,48mm (0,017 - 0,019inch)
Air pressure: 150 - 200 bar

Shelf life

2 years in a cool and dry place (max 40° C)

Packs

Kg. 11 (A+B) - Kg. 22 (A+B)