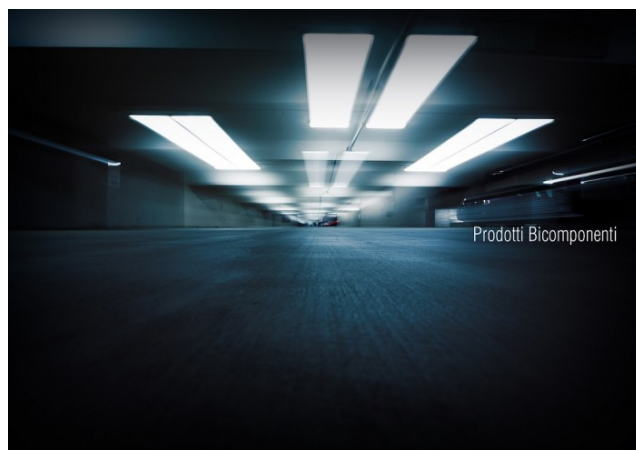


CRISTAMIX



Solvent - less epoxy coating

It is non - toxic; it is suitable for food contact



Prodotti Bicomponenti

Code

1205

Description

Solvent - less epoxy - amino coating for food contact. Test report N. 674/08 of 01/07/08

Use

This product is suitable for the internal coating of steel or cement tanks intended to contain drinking water, saline solutions, alcoholic solutions, greases, non - acidic food solutions, and of tanks for pisciculture.

Appearance of the film

glossy

Color

White, chrome green, green ral 6021, red, light blue

Components

2

Hardening

Chemical reaction between two components

Specific weight

1,580 gr/ml (A + B)

Volume of solids

98 %

VOC

21 gr/ liter

Minimum thickness

200 - 400 micron

Estimated yield

4,9 mq / liter for a thickness of 200 dry microns

Flash point

Componente A	cod.	34°C
Componente B	cod.	114°C
Diluyente	Acetone	0°C

Abrasion resistance

65 mg CS 17 1Kg 1000 cycles

Adhesion

On sandblasted steel SA 3 9 MPa

Temperature resistance

Max 80° C immersion, 120° C (dry)

Chemical resistance

Excellent water, alcoholic solutions, greases. Good resistance with organic and inorganic acids.

Preparation of surfaces

New oxidised steel:
SA 3 Sandblasting for continuously immersed surfaces.
For various uses, prime the surface with « EPOPRIMER ».

New concrete:
Power wash and primer coat with « EPOPRIMER »

Old concrete:
Sandblasting or staking out to remove friable parts, dust removal and primer coat with « EPOPRIMER » and next restoration of the cavities with epoxy mortars prepared with « EPOPRIMER SS trasparente ».

In the case of surfaces polluted by greases, proceed with a milling of the surface, followed by a sterilization with flame, dust removal and primer coat.

Preparation of the product

Mix the product according to the following ratio by weight:

Component A : cod. 80

Component B: 20

Mix separately the component A from B, add B and mix

Induction time

Not expected

Pot life

40 minutes a 20°C

Dilution

For brush application: max 5 % Ethyl alcohol

For roller application: max 5 % Ethyl alcohol

For spray application: max 5 % Ethyl alcohol

Environmental conditions

Ambient temperature: from + 10 to 35° C

Temperature of the support: > 10° C

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 200 microns (wet)	15° C	20° C	30° C
Dry to touch	8	4	2 hours
Dry in depth	12	8	4 hours

Time of overpainting

Minimum (hours)	15° C	20° C	30° C
	12	8	5 hours
Maximum (months)	7 days		

Application

Brush, roller, airless, spray

If you use the brush, you have to use nylon or natural bristle brushes.

If you use the roller, you have to use medium - haired rollers.

For the applications, it is necessary to use the method of crossing coats.

Airless:

Nozzle size: 0,58 - 0,70 mm (0,023 - 0,028 inch)

Air pressure: 180 - 220 bar

Shelf life

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

Packs

Comp A 4 kg Comp B 1 Kg Thinner 5 litri