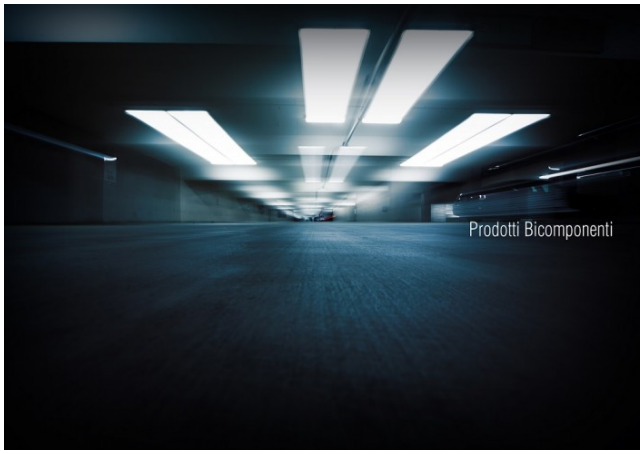
Scheda Tecnica

Epofond Zinc





High, solid, epoxy primer based on zinc phosphate

It has an excellent anti - corrosive action

Code	0214
Description	It is an epoxy - polyamide primer: it has an effective anti - corrosive action with barrier effect and it adheres on many substrates such as aluminum, fiberglass, galvanized sheet metal, and so on.
Use	This product is used as a primer for epoxy and polyurethane cycles in environments with medium and high aggressiveness.
Appearance of the film	Matt
Colour	Grey - green
Components	2
Hardening	Chemical reaction between two components
Specific weight	1,410 gr/ml (A + B)

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Volume of solids	56%
Voc	500 gr/liter
Minimum thickness	75 microns
Estimated yield	7.4 m² / litre for a thickness of 75 microns
Flash point	Component A: 27°C Component B: 34°C Thinner : 27°C
Adhesion	On sandblasted steel: 8MPa, on brushed metal 4MPa
Abrasion resistance	65 mg CS 17 1Kg 1000 cycles
Salt spray resistance	> 1500 hours
Temperature resistance	Max 120° C continuously, 200° C discontinuously
Preparation of surfaces	Oxidised steel without calamine: Mechanical cleaning at the grade St3, of Svensk Standard SIS 1967 for cycles that are not subject to immersion. SA 2 ½ sandblasting for cycles that are subject to immersion
Preparation of the product	Mix the product according to the following ratio by weight: Component A : 100 Component B: 15 Mix Component A separately and then add Component B and mix together
Induction time	Not expected

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Pot life

> 8 hours a 20°C

Thinning

5 - 10 % with an epoxy thinner depending on the applications

Environmental conditions

Ambient temperature: from + 10 to 35° C
Temperature of the support: > 10° C
Humidity: 0 - 70 %
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 100 microns (wet)	10° C	20° C	30° C	
Dry to touch	6	3	2	hours
Dry in depth	10	6	4	hours

Time of overpainting

Minimum (hours)	10° C	20° C	30° C
	10	8	5 hours
Maximum (months)		1	

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: 0,46 mm (0,018 inch)
Air pressure: 150 bar

Shelf life

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

Packs

Kg. 12,000 (10+2)
Kg. 4,800 (4 + 0,800)
Kg. 1,200 (1 + 0,200)

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