

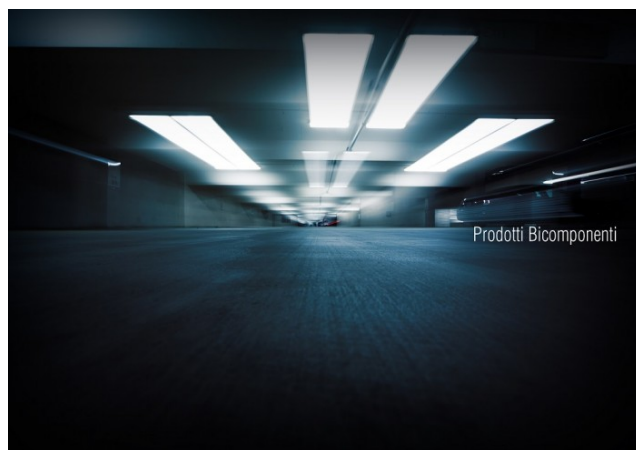
EPO AS



Epoxy building HS

Good Chemical Resistance

Meets VOC Restrictions



Code

220

Description

An all purpose epoxy that has a variety attributes: surface tolerant, excellent corrosion protection, good chemical resistance. Epo AS can be used direct to metal .

Use

It may also be used for immersion in aromatic solvent, fresh or sea water, diluit inorganic acid, alkali.

Appearance of the film

glossy

Colour

White, ral tinting

Components

2

Hardening

Chemical reaction between components

Specific weight

1,520 gr/ml (A + B)

Volume of solids	90%									
VOC	90 gr/ liter									
Minimum thickness	200 micron									
Estimated yield	4,5 mq / litro for a thickness 200 microns dry									
Flash point	<table><tr><td>Component A</td><td>cod.</td><td>27°C</td></tr><tr><td>Component B</td><td>cod.</td><td>110°C</td></tr><tr><td>thinner</td><td>cod.</td><td>27°C</td></tr></table>	Component A	cod.	27°C	Component B	cod.	110°C	thinner	cod.	27°C
Component A	cod.	27°C								
Component B	cod.	110°C								
thinner	cod.	27°C								
Abrasion resistance	85 mg CS 17 1Kg 1000 cicles									
Chemical resistance	<table><tr><td>hydrocarbons</td><td>water</td><td>inorganics acids</td><td>Alcali</td></tr><tr><td>Very good</td><td>Very good</td><td>Good</td><td>Very good</td></tr></table> Contact with inorganic acid can induce discoloration without injure film resistance.	hydrocarbons	water	inorganics acids	Alcali	Very good	Very good	Good	Very good	
hydrocarbons	water	inorganics acids	Alcali							
Very good	Very good	Good	Very good							
Temperature resistance	Max 120°C in continuous, 180° C non continuous									
Surface preparation	Steel: Surface must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Cleanliness: St3 Svensk Standard SIS 1967 for cicles not used for immersion. Sandblasting SA 2 ½ for cicles full immersion. Concrete: Concrete must be cured 28 days. Prepare surfaces employing adequate methods to remove dirt, dust, efflorescence. Priming with Epo primer.									
Induction time	Not expected									

Environmental conditions

Ambient Temperature: da + 10 a 35°C
Substrate temperature: > di 10°C
Humidity : 0 - 80 %

Pot life

1 hour a 20°C

Thinning

For rolled application: 5% epoxy thinner
For Airless spray: 5% epoxy thinner

Dry time

Thickness 200 micron wet	10°C	20°C	30°C
Dry touch	8	3	2 ore
Dry	10	6	4

Time of overpainting

Minimum (hours)	10°C	20°C	30°C
	18	8	5
Max (hour)	7 days		

Application

Brush, rolled, airless, spray

Airless:

Nozzle : 0,43 - 0,48 mm (0,017 - 0,019 inch)

Air pressure: 180 bar

Shelf life

2 years (max 40°C)

Packs

Comp A 20 kg Comp B 10 Thinner 5, 25, 180 lt