Fast Clad ™ 7220

Fast curing zinc phosphate epoxy coating

Fast Clad™ 7220 is a user friendly, fast curing zinc phosphate epoxy coating for corrosion protection of steel that combines fast throughput with unparalleled quality of application. Its innovative phenalkylated epoxy technology and balanced formula combines short recoat and handling times with ease of application and perfect film forming, even at low temperatures, previously not possible.

Fast curing

With curing times as short as one hour to recoat and two hours to handle (at 23ºC), Fast Clad™ 7220 is the ultimate solution to boost paint shop output.

Cold curing

Keeps fast curing even at low temperatures (three hours to recoat at 5ºC). Can cure down to -5ºC.

User friendly

Can be airless sprayed without thinning, including in low temperatures. Enables smooth film forming after spraying, promoting speed of application, avoiding curing slowdown due to thinning and maximising quality and application control.

Protective

The association of zinc phosphate pigmentation with unparalleled film forming features combine to provide excellent anticorrosive properties to Fast Clad™ 7220, either as single coat direct to blasted steel or as part of a multi-coat system. This can be applied for all combinations of corrosivity and durability design.

Features & benefits

- Fast to recoat.
- Fast to handle.
- Low temperature curing.
- Pot life compatible with use from -5ºC to over 20ºC.
- Fast and easy to apply.
- No need for thinning.
- Hard film, abrasion resistant.
- Excellent anticorrosive protection.
- Boost production rates.
- Saves application costs.
- Can be used all year.
- Reduces waste.
- Saves time and rework.
- Easy to achieve quality.
- Good aesthetics (smooth film).
- Reduces repairs on site.
- Protective coating solution covering all scenarios of corrosion protection demand.
- ISO 12944:2018 approved for C2, C3, C4 and C5 corrosivity categories up to Very High durability (>25 years).

Industries covered

Steel fabrication in shop for multiple end uses:

- Civil infrastructure (buildings, stadiums, transportation networks).
- Oil & gas industry.
- Power generation – fossil.
- Power generation – renewable.
- Manufacturing and processing industries.

Original Equipment Manufacturing (OEM):

- Pumps and valves.
- Heavy machinery.
- Cranes.
- Transportation equipment.



Key application properties

	Curing times			Pot life		Mix ratio	Volume solids
	@ 5ºC	@ 15ºC	@ 23ºC	@ 5ºC	@ 23ºC		
Dry to touch	40 mins	30 mins	15 mins	5 hrs	1 hr	3:1	68% (ASTM D2697-91)
Dry to recoat	3 hrs	2 hrs	1 hrs				
Dry to handle	4.5 hrs	3 hrs	2hrs				

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