
SOLVENT BASED ZINC PHOSPHATE ACRYLIC PRIMER

Parsicryl 3143A

DESCRIPTION

* One component hi-build zinc phosphate acrylic primer , designed to provide high adhesion and protection on prepared steel .

USES

*As primer in acrylic or other physically drying anticorrosive paints systems.
* It is nominated as primer in ISO 12944-5 paint systems of A2.05 , A3.03 & A3.06 .

FEATURES

* Corrosion resistance by anodic passivation mechanism .
* Fast drying
* Excellent applicability .
* Good over coat ability .
* Environment friendly (lead & chrome free)

TECHNICAL DATA

Finish	Flat
Colour	Gray or Red Oxide
Specific gravity (at 20 °C , Mix)	1.50 ± 0.1 (gr/cc)
Volume solid	55 ± 2 %
Recommended DFT	70 - 100 (mic)
Flash point	32 °C
Shelf life (at 20 °C)	12 months
Package	20 Liters, others on request

SURFACE PREPARATION

1 - Abrasive blast up to SA 2 ½ .
2- Remove any dust , rust , oil & moisture .

RECOMMENDED PAINT SYSTEMS

P : 3143A	70 - 100	micron
I : 3202 (all series) , 3204 (all series)	50 - 150	micron
T : 3391 (all series)	50 - 80	micron

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APPLICATION DATA

Method Air / Airless spray , Brush (just for inaccessible area or touch up)
Thinner / Cleaner T- 301 **Package : 25 kg**

- Different thinner with different suffix maybe offered in hot and cold seasons.

Theoretical Coverage :

Dry film thickness (mic)	70	85	100
Coverage (m ² / lit)	7.86	6.47	5.50
Coverage (m ² / kg)	5.24	4.32	3.67

Touch dry (70 mic , 20 °C) 1 hr
Tack dry (70 mic , 20 °C) 5 hrs

- At higher dry film thickness, lower temperature and poor ventilation drying time will be longer.
- Application in closed area results in long touch & tack drying time and therefore longer minimum intervals. So sufficient air draft is required for maintaining normal application condition.

Recoating interval :

Surface temperature	10°C	20°C	35°C
Min. Interval (hrs)	72	24	12
Max. Interval	10	7	5

- Please adhere strictly to minimum recoating interval times .
- Extended , it is possible to recoat this paint even after years . **See note E**

APPLICATION INSTRUCTIONS

- * Check all equipments are dust, oil and moisture free. If needed , flush with cleaner thinner.
- * It is recommended to use the paint with the temperature above 15°C, otherwise more thinner would be required to reach the application viscosity. Too much thinner may results in sagging, low thickness and poor hiding. In cold seasons it is recommended to keep the paint at a warmed up storage at least 3 days before use.
- * Stir the paint well by a power mixer to a homogenous stick mixture before use.
- * Thin the paint with defined thinner depend on required thickness & application viscosity then mix it again.

The given data could be adjusted by applicator in practical situation by his own actual trial.

	Pressure (atm)	Orifice	Tip Range	Thinner (vol%)
Air spray	4 - 6	1.3 - 3 mm		40 - 45
Air less	6 - 7	19 - 23 mic	219 -323	15 -25
Brush / Roller	Suitable for small areas only .			

SURFACE TEMPERATURE SAFETY

Must be at least 3°C above dew point, apply the coats when surface temperature is from 10°C to 40°C. Please consult Parsifam if the substrate temperature is lower or higher.

- ▲ Due to high flammability , keep away the paints from heat , sparks and flames.
- ▲ Avoid contact the paints with eyes and skin.
- ▲ Use mask and gloves and provide suitable ventilation for the reasons of health and safety.

REMARKS : The information submitted in this data sheet is based on our best current knowledge and experiences. The ultimate performance of this coating is quite related to quality of surface preparation, application procedure and conditions and even storage conditions that limit our liability to the submitted figures in technical and application data .