
HI-BUILD ACRYLIC MIO INTERMEDIATE

Parsicryl 3202A

DESCRIPTION * Single component high build acrylic intermediate with a high amount MIO lamellar pigment which makes it to serve as a good barrier coat and provide a high level of corrosion protection .

USES * As an intermediate with effective barrier properties in coating systems including epoxy or ethyl silicate primer and suitable topcoat . Such a heavy duty paint system excellently defends against atmospheric corrosion in mild to medium industrial and chemical zones .

FEATURES

- * Easy to apply and fast drying .
- * Good barrier due to MIO pigment.
- * Good barrier effect.
- * Excellent atmospheric corrosion resistance .
- * Unlimited recoating interval .
- * Good light fastness .

TECHNICAL DATA	Finish	Flat
	Colour	Grey
	Specific gravity (at 20 °C , Mix)	1.50 ± 0.05 (gr/cc)
	Volume solid	52 ± 2 %
	Recommended DFT	70 - 150 (mic)
	Flash point	25 °C
	Shelf life (at 20 °C)	12 months
	Package	20 Liters, others on request

SURFACE PREPARATION

- 1 - Should be applied on a recommended primed surface.
- 2 - Remove any oil, dirt, dust & moisture .
- 3 - For old primed surfaces , it might be necessary to roughen the surface .
- 4- when is used on acrylic sealer , be sure of drying state of sealer .

RECOMMENDED PAINT SYSTEMS	Paint System For Metal		
	P : 7411 ¹ ,4424 (series), 4142IT, 4143 (series)	60 - 80	micron
	I : 3202A	80 - 150	micron
	T : 3391(series)	50 - 100	micron
	Paint System For Concrete		
	P : 3143A	70 - 150	micron
	I : 3202A	80 - 100	micron
	T : 3391(series) , 2932	50-100	micron

¹ See note J when selecting or using zinc ethyl silicate .

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APPLICATION DATA

Method Air / Airless spray , Brush (just for inaccessible area or touch up)
Thinner / Cleaner T-314B **Package : 23 kg**

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

Theoretical Coverage :

Dry film thickness (mic)	80	100	150
Coverage (m ² / lit)	6.50	5.20	3.47
Coverage (m ² / kg)	4.33	3.47	2.31

Touch dry (150 mic , 20 °C) 1 hr
Fully Cured (150 mic , 20 °C) 12 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	30°C
Min. Interval (hrs)	18	10	8
Max. Interval	Extended	Extended	Extended

- Extended : It is possible to recoat it 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 mixer 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		15 - 25
Air less	5 - 7	19 - 23 mic	219 -323	5 - 15
Brush / Roller	Suitable for small areas only .			

SURFACE TEMPERATURE

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

SAFETY

- ▲ Due to high flammability , keep away the paints from heat , sparks and flames.
- ▲ Avoid contact the paints with eyes and skin.
- ▲ Use mask & 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 .