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# ALKYD ALUMINUM TOP COAT

( According to IPS - M - TP150 )

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## Parsialkyd 2993P

### DESCRIPTION

\* High quality aluminum alkyd paint suitable for applying in various atmospheric exposure conditions. Fish skin effect of aluminum flakes imparts enough impermeability to provide high anticorrosive property.

### USES

- \* Designed as a top coat for alkyd paints systems in mild and moderate atmospheric corrosive environments.
- \* Can be used on other primers or intermediates such as epoxies.
- \* It can perfectly serve painting systems based on IPS-M-TP150.
- \* It is offered as top coat for paint system No.1A to 1F of table 2 in IPS-TP-100.

### FEATURES

- \* Good gloss retention.
- \* Excellent silver color retention.
- \* Imparts weather resistance to alkyd paint systems.
- \* Excellent applicability .
- \* Excellent flexibility .
- \* High silver brilliancy.

### TECHNICAL DATA

<b>Finish</b>	Semi - Gloss
<b>Colour</b>	Silver
<b>Specific gravity ( at 20 °C , Mix )</b>	0.97 ± 0.05 ( gr/cc )
<b>Volume solid</b>	37 ± 2 %
<b>Recommended DFT</b>	50 - 100 ( mic ) , See note B
<b>Flash point</b>	35 °C
<b>Shelf life ( at 20 °C )</b>	12 months
<b>Package</b>	20 Liters, others on request

**<sup>1</sup> Paints pigmented with aluminum may have different appearance and color impression depending on applied DFT , selected application method and even the experience of painter. See note C**

### SURFACE PREPARATION

- 1 - Parsialkyd 2993P maybe applied over an intermediate<sup>2</sup> or primed surface , the surface should be dry and free from any contamination.
- 2 - Remove any dust , oil and moisture from previous suitable coat .
- <sup>2</sup> Optional intermediate coat will make a longer service life .**

### RECOMMENDED PAINT SYSTEMS

P : 2911R	<b>OR</b>	50 -100	micron
P : 4143 ( all series ) , 4142IT		50 - 70	micron
I : 2992P , 2921 , 2922		50 -100	micron
<b>T : 2993P</b>		50 - 80	micron

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### APPLICATION DATA

Method Air / Airless spray , Brush (just for inaccessible area or touch up)  
Thinner / Cleaner T - 212 **package : 15 kg**

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

#### Theoretical Coverage :

Dry film thickness (mic)	50	70	80
Coverage ( m <sup>2</sup> / lit )	7.40	5.21	4.63
Coverage ( m <sup>2</sup> / kg )	7.63	5.45	4.77

Touch dry ( 70 mic , 20 °C ) 2 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 )	48	24	18
Max. Interval	Extended	Extended	Extended

- Extended : **See note E**
- The minimum required time for testing air drying alkyd paint is 10 -14 days in 20 °C.

### 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		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 consult 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 .