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# SINGLE ALKYD COAT FOR INDUSTRIAL STRUCTURES

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## Parsialkyd 2111

### DESCRIPTION

\* High solid air alkyd coating based on selected long oil alkyd resins, and weather resistant pigments.

### USES

\* As a single coat for industrial sheds, steel structures, hand rails and other industrial steel structures in inland and mild environments.

\* This top coat can be used on various primers such as alkyds and epoxies .

\* As an industrial coating for various carbon steel and cast iron surfaces .

### FEATURES

\* Weather resistance in low humidity area .

\* Floating and flooding free .

\* Shade stability .

\* Yield high dry film thickness in one coat .

\* Excellent Applicability .

### TECHNICAL DATA

|  |  |
|--|--|
| <b>Finish</b>                              | Semi flat                                    |
| <b>Colour</b>                              | Wide range of colours available <sup>1</sup> |
| <b>Specific gravity ( at 20 °C , Mix )</b> | 1.50 ± 0.05 ( gr/cc )                        |
| <b>Volume solid</b>                        | 54   |
| <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> The RAL number comes after code. For example the code of white alkyd top coat with RAL 9010 is 2111-9010. Technical data for some colours might be changed. Technical data and codes might be changed in colored paints.

### SURFACE PREPARATION

1 - Blast up to ST2 and remove any oil , moist and dust .

2 - Wire brush by power and remove any oil , moist and dust .

### RECOMMENDED PAINT SYSTEMS

|                                 |         |        |
|---------------------------------|---------|--------|
| 1- As a single coat             |         |        |
| <b>P &amp; I &amp; T : 2111</b> | 50 -100 | micron |
| 2- As a layer in a paint system |         |        |
| P: 2911R                        | 50 - 80 | micron |
| <b>I &amp; T : 2111</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 : 24 kg**

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

#### Theoretical Coverage :

|                                   |       |      |      |
|-----------------------------------|-------|------|------|
| Dry film thickness (mic)          | 50    | 70   | 100  |
| Coverage ( m <sup>2</sup> / lit ) | 10.80 | 7.71 | 5.40 |
| Coverage ( m <sup>2</sup> / kg )  | 7.01  | 4.97 | 3.48 |

Touch dry ( 70 mic , 20 °C ) 1 hr  
Tack dry ( 70 mic , 20 °C ) 4 days

- 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 .