



kansai paint

Kansai Paint Iranian

Technical Data Sheet: Ref: TDS-HPC-0001-V02

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Date of issue: June 2017

## A322-3002

### ALKYD ALUMINIUM TOP COAT

|                            |  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
|----------------------------|--|--------|-------|-------|----------|-----------------|-------|------------------|-----------------------------|-------------|-------|--------------------|---------------|----------------------|-------------------------------|--|---|-----------|-----------------|----------|------------------|--------------------|----------------------------|
| <b>GENERIC TYPE</b>        | Alkyd  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| <b>DESCRIPTION</b>         | A322-3002 is a versatile finish coat based on long oil alkyd resin with aluminum pigment and very good light reflection.   |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| <b>RECOMMENDED USE</b>     | As a finishing coat on steel and woodwork exterior and interior in mild to moderately corrosive environment where an aluminum surface or light reflection is desired and or for moderately hot surface.  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| <b>FEATURES</b>            | <ul style="list-style-type: none"><li>-Good gloss and color retention</li><li>-Excellent light reflection and UV resistance</li><li>-Excellent flexibility</li><li>-Excellent spray ability</li><li>-Good resistance in mildly to moderately corrosive environment</li><li>-This product is for professional use only</li></ul>  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| <b>PHESICAL PROPERTIES</b> | <table><tr><td>Finish</td><td>Shiny</td></tr><tr><td>Color</td><td>Aluminum</td></tr><tr><td>Solid by volume</td><td>43±5%</td></tr><tr><td>Specific Gravity</td><td>1.15±0.1 gr/cm<sup>3</sup></td></tr><tr><td>Flash point</td><td>34° c</td></tr><tr><td>Recommended D.F.T.</td><td>40-60 microns</td></tr><tr><td>Theoretical coverage</td><td>12.5-6.3 m<sup>2</sup> / Lit</td></tr><tr><td></td><td>Practical coverage depends on loss factor</td></tr><tr><td>Touch dry</td><td>8 hrs. at 20° c</td></tr><tr><td>Hard dry</td><td>24 hrs. at 20° c</td></tr><tr><td>Thermal resistance</td><td>Max. 100° c (dry exposure)</td></tr></table> | Finish | Shiny | Color | Aluminum | Solid by volume | 43±5% | Specific Gravity | 1.15±0.1 gr/cm <sup>3</sup> | Flash point | 34° c | Recommended D.F.T. | 40-60 microns | Theoretical coverage | 12.5-6.3 m <sup>2</sup> / Lit |  | Practical coverage depends on loss factor | Touch dry | 8 hrs. at 20° c | Hard dry | 24 hrs. at 20° c | Thermal resistance | Max. 100° c (dry exposure) |
| Finish                     | Shiny  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Color                      | Aluminum   |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Solid by volume            | 43±5%  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Specific Gravity           | 1.15±0.1 gr/cm <sup>3</sup>  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Flash point                | 34° c  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Recommended D.F.T.         | 40-60 microns  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Theoretical coverage       | 12.5-6.3 m <sup>2</sup> / Lit  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
|                            | Practical coverage depends on loss factor  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Touch dry                  | 8 hrs. at 20° c  |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Hard dry                   | 24 hrs. at 20° c   |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |
| Thermal resistance         | Max. 100° c (dry exposure)   |        |       |       |          |                 |       |                  |                             |             |       |                    |               |                      |                               |  |   |           |                 |          |                  |                    |                            |



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## APPLICATION

|                       |  |
|-----------------------|--|
| Application method    | Air/Airless spray, Brush ,Roller   |
| Surface temperature   | 10-40 °c   |
| Mixing ratio          | Single pack  |
| Packaging             | 20kg   |
| Thinner/Cleaner       | A840-0322  |
| Recoat interval       | Min 24 hrs. at 20°c<br>Max 30 days at 20°c<br>Recoating intervals related to later conditions of exposure  |
| Pot Life              | N/A  |
| Application condition | Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation Environment Temperature should be 10 °C min and 40 °C max and Relative humidity: 80% maximum. |
| Nozzle orifice        | 0.019"-0.021"  |
| Nozzle pressure       | 150 bar/2175 psi<br>Airless spray is indicative and subject to adjustment  |

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## SURFACE PREPRATION

For new steel abrasive blasting to minimum Sa2, alternatively power tool cleaning to St-3. For maintenance remove oil and grease and any other contaminants by suitable detergent and consequently by high-pressure fresh water cleaning .Remove all rust and loose material by abrasive blasting or power-tool cleaning, dust off residues before painting.

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## SAFETY PRECAUTIONS

Detail information is given on Material Safety Data Sheet (MSDS). Avoid inhalation of spray mist or vapor. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention. Since this product contains flammable solvents, keep away from sparks and open flames. Application and handling of this product should be in compliance with relevant national regulations.

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## STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

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## SHELF LIFE

12 months from date of production.

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