

Wasser Polymer Pvt. Ltd

# Therma Supreme ACE

High Heat Resistant Aluminum Paint



TDS/THKHRAP /020513

## Technical Data Sheet

**Product Description:**

Single pack, silicone/synthetic resin and Aluminum based heat resistant coating.

**Features :**

Heat resistance upto 900°C

Good water & weather resistance

Can be directly applied over aluminum /zinc metalized substrate or zinc silicate primer

**Technical**

**Details :**

- |                                  |  |
|----------------------------------|--|
| 1. Colour                        | : Almunium                                       |
| 2. Finish                        | : Eggshell                                       |
| 3. Volume solids                 | : 28 %(app)                                      |
| 4. Recommended DFT / coat        | : 15 – 20 mμ(app)                                |
| 5. Theoretical covering capacity | :10 -12 m <sup>2</sup> /l @ 20 mμ DFT            |
| 6. Curing time at 30°C           | : Surface dry : 1 Hours<br>: Hard dry : 16 Hours |
| 7. Shelf life (cool & dry place) | : 12 months                                      |
| 8. Flash point                   | : 29°C   |

**Directions for use**

**Surface coating and Substrate condition**

Over aluminum /zinc metalized surface; zinc silicate primer, should be dry & free from all surface

Contamination, mist coat is recommended when applied over zinc silicate primer.

White rust must be removed for application over weathered zinc primers thorough water scrubbing /

high-pressure water jetting.

Surface temperature must be at least 3°C above dew point but not above 50 °C

**Mixing:**

Single pack product. Homogenous mixing by proper method is necessary before application.

**Application:**

**Brush**

- 1. Recommended thinner : WP Thinner No. 9
- 2. Volume of thinner : 0 - 10 %

**Air spray**

- 1. Recommended thinner : wp Thinner No. 9.
- 2. Volume of thinner : 0 - 10 %
- 3. Nozzle orifice : 1.5 - 3.0 mm
- 4. Nozzle pressure : 0.3 - 0.4 MPas

**Airless spray**

- 1. Recommended thinner : wp Thinner No. 1
- 2. Volume of thinner : 0 - 5 %
- 3. Nozzle orifice : 0.28 - 0.33 mm
- 4. Nozzle pressure : 10 – 13 MPas

**Note: Avoid contact with atmospheric moisture.**

*Disclaimer: The informations given in this data sheet are true to the best of our knowledge and based on our lab trials and should not be purported to be authentic, as the methods and areas of applications differ. The user should conduct his own trials and applications before using. The manufacturer is not responsible for any loss or damage arising out of the use of the product.*

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