

Wasser Polymer Pvt. Ltd

Therma King

Heat Resistant Aluminum Paint



TDS/THKHRAP /020513

Technical Data Sheet

Product Description:

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

Features :

Heat resistance between 400°C - 450°C on top of suitable primer / undercoat

Resistance to corrosive environment

Changes when the temperature goes above 150°C; without impairing the performance

Technical

Details :

- | | |
|----------------------------------|---|
| 1. Colour | : Aluminium |
| 2. Finish | : Matt |
| 3. Volume solids | : 29 %(app) |
| 4. Recommended DFT / coat | : 25 – 40 mμ(app) |
| 5. Theoretical covering capacity | : -12 m ² /l @ 25 mμ |
| 6. Curing time at 30°C | : Surface dry : 1 Hour
: Hard dry : 4 Hours

: Full cure : After 14 hours of air drying, the temperature of substrate should be gradually increased to the working temperature for obtaining optimum performance |
| 7. Shelf life (cool & dry place) | : 12 months |
| 8. Flash point | : <28°C |

Directions for use																					
Surface coating and Substrate condition	<p>Can be applied on epoxy primer, epoxy /polyurethane undercoat; surface must be dry & free from all surface contamination. Surface of aged epoxy coating should be sufficiently roughened prior to painting.</p> <p>Substrate temperature should be at least 3°C above dew point but not above 50°C.</p>																				
Mixing:	<p>Homogenous mixing by proper method is necessary before application</p> <table> <tr> <td>Mixing ratio</td> <td>: Base : Hardener :: 4 :1(v/v)</td> </tr> <tr> <td>Induction time</td> <td>: 25 minutes</td> </tr> <tr> <td>Pot life at 30°C</td> <td>: 3 hours</td> </tr> </table>	Mixing ratio	: Base : Hardener :: 4 :1(v/v)	Induction time	: 25 minutes	Pot life at 30°C	: 3 hours														
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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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