A single pack high performance heat resistant aluminium paint based on silicone resin medium for protection of steel surface operating between 400°C – 600°C dry heat.

### Product Information

<table>
<thead>
<tr>
<th>Colour</th>
<th>Aluminium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish</td>
<td>Bright metallic</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Above 23°C</td>
</tr>
<tr>
<td>Volume Solids</td>
<td>18% approximately</td>
</tr>
<tr>
<td>Recommended dry film thickness</td>
<td>15 - 20 microns per coat.</td>
</tr>
<tr>
<td>Corresponding wet film thickness</td>
<td>83 - 111 microns</td>
</tr>
<tr>
<td>Theoretical Spreading Rate</td>
<td>12.0 – 9.0 Sq.metre per litre</td>
</tr>
<tr>
<td>Drying time</td>
<td>Dust free - 4 hours</td>
</tr>
</tbody>
</table>

### Surface Preparation

**Steel Surfaces:**
Degrease and blast clean to Sa 2½ grade minimum of Swedish specification SIS - 05 - 5900 - 1967. If blast cleaning is not practical make full use of mechanical tools along with manual cleaning and wire brushing to remove loose rust / scale to St 2 or St 3 grade of Swedish specification. Surface should be perfectly clean and dry before applying HT 600.

### Application Details

**Method of Application:**
Brush / Conventional Spray
Airless spray not recommended for difficulty in controlling film thickness
Thinner: Thinner 6752

**Dry Heat Resistance:**
400°C – 600°C (Continuous)

**Storage life:**
Upto 12 months so long as the material is stored in sealed containers under standard warehouse storage conditions. Avoid exposure to heat and moisture during storage.

**Uses:**
For painting of Chimneys, Flare Stacks, Exhausts, Pipeworks, Incinerators and similar surfaces exposed to dry heat attack.
**LUSTROTHERM HT 600 SILICONE ALUMINIUM PAINT**

**System Selection Guide**

| SURFACE                      | Steel  
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(400°C - 600°C)</td>
</tr>
</tbody>
</table>
| 1st COAT                     | Lustrotherm HT 600  
|                              | Silicone Aluminium |
| 2nd COAT                     | Lustrotherm HT 600  
|                              | Silicone Aluminium |

**Chemical Resistance Guide**

<table>
<thead>
<tr>
<th>EXPOSURE</th>
<th>Acids</th>
<th>Alkalis</th>
<th>Solvents</th>
<th>Salt</th>
<th>Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPLASH &amp; SPILLAGE</td>
<td>Fair</td>
<td>Fair</td>
<td>Good</td>
<td>Good</td>
<td>Excellent</td>
</tr>
<tr>
<td>FUMES &amp; OUTDOOR EXPOSURE</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>Very Good</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

**NOTES**

1. This cancels all previous literature on this product and is subject to revision without notice.
2. Do not apply when temperature falls below 10°C or rises above 50°C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.
3. The paint should not be applied on hot surface. After complete drying of the final coat the painted surface should be gradually heated to the working temperature.
4. Use of thinners other than supplied or approved by Shalimar may adversely affect product performance and void product warranty whether express or implied.

**Health and Safety**

Please refer to the separate safety data sheet available with detailed information.

**Precaution**

1. Not to be used in areas of high acidity or alkalinity.
2. Does not cure and remains soft until temperature reaches min. 200°C.
3. Improper curing of this product can cause rusting, flaking and blistering.
4. At the time of application metal must be at room temperature.
5. Avoid applying thick coats since that may cause blistering.
6. Check actual skin temperature before selecting this product.

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