

## High Heat Resisting Aluminum 1000°F - 1200°F

### Description

**H**appilac High Heat Resisting Aluminum Paint is directly applied on all steel structures exposed to continuous temperature up to 1200°F. It is based on modified silicon resin pigmented with selected Aluminum Flakes to provide excellent protection to underlying surfaces without compromising on decorative aspects.

### Recommended For

**H**appilac High Heat Resisting Aluminum Paint is suitable for use on chimneys, furnace door, heat exchanger, rotary kiln, hot piping and other steel structures exposed to high temperature.

### Features

- Excellent protection and stability
- High tolerance up to 1000-1200°F
- Modified silicon resin
- Specialty additives and pigments
- High coverage
- Ready to use and easy handling

### Limitations

- Drying time may vary depending on weather and drying conditions.
- Performance may limit after 1200°F.

### Product Information

<b>Composition:</b> Modified silicon resin, aluminum pastes and quality additives.	<u>Binder type</u> Modified Silicon Resin <u>Pigment type</u> Aluminum Flakes <u>Volume solids</u> 40±2 % <u>Weight solids</u> 60±2 % <u>Specific gravity</u> 1.03±0.02 <u>Odor</u> Slightly odor <u>Viscosity(@ Ford Cup F4)</u> 5-10Sec <u>Flash point</u> 23°C <u>PH</u> Not applicable
<b>Certifications:</b> VOC compliant in all regulated areas. OHSAS : 18001 ISO : 14001 ISO : 9001	<u>Application</u> Brush, Roller, Spray <u>Finish</u> Bright Silver Glossy <u>Thinner</u> Happilac Thinner <u>Thinning</u> As per Requirement, max 25% <u>Dries by</u> Evaporation, Oxidation
<b>Technical Help:</b> Happilac Paints technical department is always available to assist you in the correct use of our products.	<u>Surface Dry</u> 2-3 Hours <u>Hard Dry</u> 24 hours <u>Recoat</u> 7-8 hours Drying and recoat times are temperature, humidity and film thickness dependent
<b>Storage:</b> The product must be stored in cool, dry and well ventilated place away from source of ignition and heat. Containers must be tightly closed and upright and handle with care.	<u>coverage</u> 8-10m <sup>2</sup> /liter/coat <u>Film thickness</u> 25-30 microns per coat <u>Packing</u> 4 ltr <u>Storage temperature</u> 4-30 °C

## Surface Preparation and Application

Appropriate and good surface preparation significantly increases the top coat life and durability. Deploy skilled/experienced individuals for the application of paint. A few general instructions are given below:

### New or Bare Surfaces

**S**urface to be painted must be dry, clean and free from all contamination. Remove dirt, grease and waxy material. Scuff with suitable sand paper, dust off and apply a coat of Happilac Zinc Chromate on metal surfaces to prevent from rusting. Ensure proper drying and apply 2 coats of Happilac High Heat Resisting Aluminum Paint.

### Previously Painted Surfaces

**S**crape off all the loosely adherent paint from the surface with an appropriate abrasive paper. Properly clean the substrate, dust off and apply a coat of Happilac Zinc Chromate on metal surfaces to prevent from rusting. Ensure proper drying and apply 2 coats of Happilac High Heat Resisting Aluminum Paint.

## Health and Safety Notes

- When applying paint, wear appropriate eye protection.
- In case of eye contact with product, rinse with plenty of water for at least 10 minutes.
- Don't breathe spray mist or dust.
- Ensure proper ventilation when applying paint.
- If swallowed, it may cause serious damage.
- When empty, don't use its container for edible storage.
- Place out of reach of the children.
- Pregnant women are advised to avoid breathing of paint mist or spray.
- In case of any emergency, undergo medical supervision as soon as possible.

**WARNING:** Scraping/sanding off previously painted surfaces may release lead dust or fumes. Lead is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.