

# Coatesia Black H.R

## Scope Coatesia Black H.R

- Coatesia Black H.R. is a silicone acrylic coating used as maintenance coating for high temperature service.
- Suitable for industrial environments including petrochemical plants, oil refineries, offshore structures, chemical plants and power stations. Chimneys, Silereess.

## Application Details

- HR 250 Black can be applied by brush or spray on primed & Unprimed surfaces. For galvanized steel or Stainless Steel or aluminium, etch primer is recommended as undercoat. Apply Minimum 2 coats with or without diluting the paint to get dry Film thickness not more than 25 Micron per coat. Thicker film May peel-off on edging.

### Applied over

Blast cleaned M.S. Surface.

### Application Method

Brush / Conventional spray / Airless spray

### Shelf Life

6 Months

### Pack Size

20 ltrs single pack

### Surface Preparation

Before applying the coating, all surfaces must be clean, dry, and free from mill scale. Blast cleaning to Sa-2.5 grade of International Standard to ISO 8501-1 2007 is the only satisfactory method of preparing steel surfaces. Primed surface must be clean, dry, free from moisture, grease and other contaminants.

### Application Instruction

If settling is observed in the drum, loosen the settled material & mix with pneumatic stirrer till homogeneous.

### Environmental Conditions

Surface temperature must be at least 3°C above Dew Point to prevent condensation.

### Temperature

Air 5 - 40°C  
Surface 5 - 50°C

### Special Notes

Thinner consumption may vary depending upon site conditions. Practical covering capacity depends on application techniques, ambient conditions, wastage, surface condition etc.

### Safety Precautions

Please refer to the Material Safety Data Sheet

## Product Details

<b>Colour</b>	Black
<b>Finish</b>	Matt to eggshell / Semi-glossy / glossy
<b>Viscosity by</b>	B4 cup at 30A°C - 60 to 70 Sec
<b>Flash Point</b>	Above 30°C
<b>Drying Time (30°C)</b>	Surface Dry 30-40 Min. Tack free 1 1/2hrs - 2 hrs maximum Hard Dry Over Night
<b>Stoving Schedule</b>	120° / 30-40 minutes.
<b>Resistance to Heat (Dry Heat)</b>	Maximum 250°C
<b>Adhesion</b>	Excellent
<b>Exterior Durability</b>	Excellent
<b>Corrosion Resistance</b>	5% NaCL Salt Spray - 200 hrs. Min.
<b>Thinner Consumption</b>	Conventional Spray 5 – 20% Brush 0 – 5% Airless Spray 0 – 15%