

TECHNICAL DATA SHEET :

Product name : **PIONEER HR SILICON MONOCOAT RAL-7032**

Product Description : HR Silicon Monocoat RAL-7032

This is a speciality designed anticorrosive single coat heat resistant paint having temperature resistant upto 250°C. Proper surface preparation before applying this coat is necessary..

Surface Preparation : The surface to be painted must be thoroughly degreased using solvent or degreasing chemicals , then dried & made free from rust, contaminants . Or otherwise do short blasting and apply paint within four hours after short blasting.

Features :

- Composition : Special Silicon modified resin pigmented with HR pigment.
- Excellent durability and Smooth finish.
- Single coat Heat resistant paint

Physical Properties :

Volume Solids	:	50 (± 2 %) by weight
Recommended D.F.T.	:	50 – 70 microns
Flash point	:	25° C in closed cup
Sp. Gravity	:	1.3 (± 0.1) kg/ltr
Supply Viscosity	:	40 (± 10) seconds by B-4 ford cup

Application :

- | | | |
|---------------------------|---|--|
| 1) Application Conditions | : | Ambient temperature shall be above 10°C and relative humidity shall be below 85%. Adequate ventilation shall be provided in confined spaces. |
| 2) Application viscosity | : | 18 to 20 seconds by B-4 ford cup @ 30°C |
| 3) Thinner Intake | : | Maximum 25% by volume |
| 4) Application method | : | By Spray gun |
| 5) Flash off time | : | Minimum 30 minutes |
| 6) Stoving Schedule | : | 80° C for 45 minutes (effective metal temp) |

Thinner to be use : PIONEER make silicon Thinner

Dry Film Properties:

- | | | |
|--------------------|---|--|
| 1) Colour | : | RAL 7032 |
| 2) Finish | : | Smooth & Matt |
| 3) Heat Resistance | : | :250°C for MS surface & cast Iron surface. |
| 4) Adhesion | : | :Passes 95% minimum (2 X 2 mm cross cut) |

Shelf Life : six months from the date of manufacturing