

KANSAI HR 200

CODE : 263-XXX

PROTECTIVE COATING

HEAT RESISTANT

DESCRIPTION

A single pack heat resistant acrylic silicon, general purposes finish up to 200°C pigmented with/without aluminum flake

USE

Designed to be a heat resistant finish coating for steel structures or concrete subjected to temperatures up to 200°C of industrial environments

COLOR AND GLOSS LEVEL APPEARANCE

- Selected color range (by request)
- Gloss Level : Matt

BASIC DATA

Data for mix product	
Application Method	Airless spray, Air spray, Brush or Roller
Specific Gravity	1.26 g/ml (Ivory)
Volume Solids	60.00%
VOC	504 g/Liter (Method 24 analysis)
Flash point	28°C
Recommended DFT	30 micron/ coat
Theoretical coverage	15 m ² /Liter at DFT 30 micron 11.9 m ² /Kg at DFT 30 micron *Practical coverage vary depending on loss factor
Packaging	5 Liter (6.3 Kg) in 5 Liter container

SURFACE PREPARATION SUMMARY TABLE

Substrate	Surface Preparation	
	Minimum	Recommended
Coated Surfaces	Clean, dry and undamaged compatible coating. Soft sanding if necessary	Clean, dry and undamaged compatible coating. Soft sanding if necessary

APPLICATION

Ambient temperature shall be above 5°C and relative humidity shall be below 85%. Surface temperature shall be minimum of 3°C above dew point. Adequate ventilation shall be provided in confined spaces to ensure proper drying

Mixing	This material is a two component coating. Always mix a complete set unit in the proportion supplied. After mix, use all mixed paint within pot life specified	
Airless Spray	Recommended	Nozzle Tip : 0.38 – 0.48 mm Nozzle Pressure : Not less than 10MPa
Air Spray (Conventional)	Recommended	Nozzle Size : 1.5 – 2.0 mm Nozzle Pressure : 0.3 – 0.4 MPa
Brush	Recommended	Typically 20 – 30µ can be achieved
Roller	Recommended	Typically 20 – 30µ can be achieved
Thinner	HR 200 Thinner	Max 10% depend on application method

Over coating interval for DFT 30 micron				
Over-coating with	Interval	10°C	20°C	30°C
Kansai HR 200	Minimum	4 hours	2 hours	1 hours
	Maximum	1 month	1 month	1 month

Curing time DFT to 30 micron			
Substrate temperature	Dry to touch	Dry to handle	Full cure
10°C	6 hours	8 hours	7 days
20°C	2 hours	4 hours	7 days
30°C	30 minutes	2 hours	7 days

SAFETY PRECAUTIONS

For paint and recommended thinners, see safety sheet and relevant material safety data sheet
This is a solvent borne paint and care should be taken to avoid inhalation of spray mist of vapor as well as contact between the wet paint and exposed skin or eyes

- Avoid at all times inhalation or aerosol spray-mist
- Harmful by inhalation and in contact with skin
- Highly flammable liquid and vapor
- Harmful to aquatic organism, may cause long-term adverse effects in the aquatic environment

STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations

DISCLAIMER

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