

RITAI ONE COAT / ONE COAT ENAMEL

CODE : 147 - XXX

INDUSTRIAL METAL FINISH

AIR DRY

DESCRIPTION

Alkyd modified Resin Coating

USE

Machine part coating, steel structure coating

PRODUCT FEATURES

1. Fast Drying
2. Excellent corrosion resistance
3. Good appearance & gloss after topcoat
4. Excellent adhesion to substrate

COLOR AND GLOSS LEVEL APPEARANCE

Black Grey, Yellow (on request)

BASIC DATA

Data for mix product	
Number of components	One
Application Method	Dipping, Air spray
Specific Gravity	1,10 Kg/Liter (depend on color)
Volume Solids	46 ± 3 %
Theoretical VOC	539 gram / Liter
Mixing Ratio	-
Thinner	Ritai One Coat KUI Thinner (294-055)
Thinning Ratio	30-40%
Recommended DFT	30 - 50 micron
Theoretical coverage	13.14 m ² / Liter
Flash point	12°C
Overcoating Interval	At temperature 10°C 20°C 30°C 40°C Minimum - - 10 minutes - Maximum - - 24 hours -
Packaging	10 Liter, 20 Kg, 200 Kg

SURFACE PREPARATION INSTRUCTION

- All surface to be coated should be completely clean, dry and free from contamination.
- Remove Salt and other water-soluble contaminants by fresh water.
- Remove Oil and grease with suitable detergent or solvent.
- Remove rust, mill scale and others loose materials completely by dry abrasive blasting (ISO 8501 Sa 2½), wet abrasive blasting (SSPC Vis 5) or Powertools cleaning (SSPC SP3 : St2/St3).

APPLICATION

Equipment Use	Volume of thinner	Viscosity
Airspray	30 - 40 %	16 - 18 sec/NK ₂
Airless spray	20 - 30%	20 - 30 sec/NK ₂

Over-coating interval for DFT 50 micron						
Over-coating with	Interval	5°C	10°C	20°C	30°C	40°C
	Minimum Interval Coating	-	-	-	10 minutes	-
	Maximum Interval Coating	-	-	-	7 days	-

Curing time DFT 30 micron			
Substrate temperature	Dry to touch	Dry to handle	Full cure
30°C	10 minutes	30 minutes	1 hours

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.

DISCLAIMER

Spreading rate, drying time, and other numerical parameters are based on controlled environment test and evaluation. It may vary on actual usage due to differences on surface type and porosity, surrounding humidity and temperature, painters' skill and equipment, and other external factors. User should always consult with Kansai Paint for specific guidelines on particular paint jobs for the best result. All information can be adjusted accordingly without further notice.