CHEMICAL-RESISTANT SYNTHETIC ENAMEL
RTB-1323

A gloss synthetic enamel with excellent chemical resistances and mechanical properties.

USES AND SUITABALE TOP-COATS

Recommended Uses	Signal coating system for exterior of engine bodies.
Suitable Top-Coats	Alkyd and other synthetic coatings.

CHEMICAL COMPOSITION

Type of Binder	Polyester Resin	Solid Content	77 ± 2% By Weight
Number of Component(s)	1 Component		60 ± 3% By Volume
Curing Mechanism	Solvent Evaporation and Oxidation		
Main Pigment(s)	Non-Toxic Inert Pigments	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	Semi gloss
Colour	Black (Comparable with RAL-9005: Jet Black)
Specific Gravity	1.50 ± 0.03 gr/cm³
Heat Resistance	Continuous Service: 150°C Non-Continuous Service: 180°C

APPLICATION DETAILS

Surface Preparation: All oil, grease, dirt and other contaminants must be removed from the surface. Wire brush or sandblast according to Swedish Standard (SIS 5900)Sa 2, and treatment with a suitable primer recommended.

Theoretical Consumption: 100 gr/m² @ 40 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.013"	1.80 mm	---	---
Pump Ratio	1 / 45	---	---	---
Air Pressure	3 – 5 Bar	3 – 5 Bar	---	---
Thinning	15 – 25% T-1324	30 – 50% T-1324	3 – 5% T-1324	3 – 5% T-1324

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	65	40	90
Dry Film Thickness (µm)	40	25	55

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
10 – 15 Minutes	1 – 2 Hours	16 – 24 Hours	Depends on Film Thickness up to 10 Days.	Min. 16 Hours Max. 10 Days

**Drying time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT*

Application Limits

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +5°C	Max. +40°C
Substrate Temperature*	Min. +5°C	Max. +45°C

**Please note that the substrate temperature should be at least 5°C above the dew point*

Recommendations: Accelerated drying of the coating at 120°C for 20 minutes is recommended.
-Should the recoating interval have expired, please refer to the procedures outlined in the Ronass Instruction Leaflet.
-Clean tools thoroughly before and immediately after use with cleaning solvent T-111 or T-1324.

CHEMICAL RESISTANCE

Tests: H2SO4 @ 10%: OK | Diesel Oil: OK | Motor oil: OK | NaOH @ 5%: OK | Gasoline: OK

PACKING, STORAGE AND SAFETY

Packing	20 Litres Containers (20 kgs. Net)
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 18 months after delivery in original sealed containers and proper storage conditions with temperature of 25°C.
Safety	This product contains organic solvents and flammable materials. Keep away from sparks, fires, electrical cables and equipments,direct sunshine and out of children's reach. Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation.