RONASS BAKING ENAMEL
RTB-825

A single-pack, high-gloss, high performance baking finish coat with excellent adhesion, outdoor stability and anti-corrosive properties.

USES

Recommended Uses	Top-coat or single coating system for electrical and electronic equipment cases, home appliances and industrial products.

CHEMICAL COMPOSITION

Type of Binder	Self Cross-Linking Thermosetting Acrylic Resin	Solid Content	70 ± 1% By Weight
Number of Component(s)	1 Component		56 ± 2% By Volume
Curing Mechanism	Thermosetting	Flash Point	38°C (100°F)

PHYSICAL PROPERTIES

Finish	Gloss
Colour	Wide range available according to RAL colour system
Specific Gravity	1.25 ± 0.05 gr/cm³
Heat Resistance	Continuous Service: -30°C to +100°C
	Non-Continuous Service: -40°C to +150°C

APPLICATION DETAILS

Surface Preparation: All oil, grease, dirt and other contaminants must be removed from the surface. Surface preparation (chemical or mechanical) is recommended.

Theoretical Consumption: 90-100 gr/m² @ 40 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.013"	1.60 or1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	4 – 6 Bar	3 – 4 Bar	---	---
Thinning	7 – 10% T-726	15 – 20% T-726	3 – 5% T-726	3 – 5% T-726

**Use T-908 for electro-static systems*

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	80	45	110
Dry Film Thickness (µm)	45	25	60

Baking Conditions

Flash-Off Time	5 – 10 Minutes at Room Temperature
Stoving Time	20 Minutes at 180°C or 5 Minutes at 250°C

Application Limits

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +15°C	Max. +35°C
Substrate Temperature*	Min. +15°C	Max. +45°C

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

Recommendations: Clean tools thoroughly before and immediately after use with cleaning solvent T-111 or T-726.

PACKING, STORAGE AND SAFETY

Packing: 20 Litres Containers (25 kgs. Net)

Storage Conditions: To be stored in cool and dry conditions in original sealed containers.

Shelf Life: At least 12 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.