RONASS ETCH PRIMER
RTB-996 (A&B COMPONENTS)

Special two-component, etching (wash) primer with excellent adhesion and weather resistances. RTB-996 is based on polyvinyl Butyral and anti-corrosive pigments.

USES AND SUITABALE TOP-COATS

Recommended Uses	First coat for pre-treatment of steel surfaces and galvanized substrates.
Suitable Top-Coats	Ronass etch primer may be over-coated by all types of primers and organic coatings.

CHEMICAL COMPOSITION

Type of Binder	Polyvinyl Butyral	Solid Content After Mixing	30 ± 1% By Weight
Number of Component(s)	2 Components		20 ± 2% By Volume
Curing Mechanism	Chemical Reaction		
Main Pigment(s)	Zinc Phosphate and Zinc Chromate	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish	Flat
Colour	Black
Specific Gravity after Mixing	1.05 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation	All oil, grease, dirt and other contaminants must be removed from the surface. Wire Brush or Sandblast according to the surface conditions is recommended.
Mixing Ratio	Component A: 100 Parts by weight T-997: 100 Parts by weight Component B: 50 Parts by weight
Mixing Instructions	Mix component A thoroughly with a suitable mixer, then add T-997 slowly and mix well for 5 minutes, then add component B slowly and mix well for 5 minutes.
Pot Life	6 Hours at 25°C
Theoretical Consumption	50 gr/m² @ 10 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.011"	1.80 mm	---	---
Pump Ratio	1/ 28	---	---	---
Air Pressure	4 – 6 Bar	3 – 5 Bar	---	---
Thinning	T-997 if needed	T-997 if needed	---	---

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	50	25	75
Dry Film Thickness (µm)	10	5	15

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
5 – 10 Minutes	10 – 20 Minutes	20-30 Minutes	6-8 Hours	Up to 4 Weeks

**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	Clean tools thoroughly before and immediately after use with cleaning solvent T-111 or T-997.

PACKING, STORAGE AND SAFETY

Packing	Component A: 10 Litres Containers (8 kgs. Net) and Component B(Hardener): 5 Litres Containers (4 kgs. Net)
Storage Conditions	To be stored in cool and dry conditions in original sealed containers.
Shelf Life	At least 9 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.