TWO-COMPONENT EPOXY SEALER
RTB-750 (A&B COMPONENTS)

Special two-component epoxy sealer with excellent adhesion and sealing properties.

USES

Recommended Uses	Can be used as a first coat for epoxy coating systems on concrete surfaces or as a non-pigmented epoxy clear coating in a multi-layer clear coating system.

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyamide	Solid Content After Mixing	45 ± 1% By Weight
Number of Component(s)	2 Components		36 ± 1% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	28°C (82°F)

PHYSICAL PROPERTIES

Finish	High Gloss
Colour	Clear
Specific Gravity after Mixing	0.98 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation	All oil, grease, dirt, moisture and other contaminants must be removed from the surface. RTB-750 could penetrate in masonry substrates making an exceptional treatment allowing for great surface preparation.
Mixing Ratio	Component A: 100 Parts by weight Component B(RTB-750-B or RTB-9700):50 Parts by weight
Mixing Instructions	Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 2-3 minutes. Keep the mixture for 5 additional minutes prior to thinning down to allow for pre-reaction time. Do not thin down each component separately.
Pot Life	8 Hours at 25°C
Theoretical Consumption	55 gr/m² @ 20 Microns DFT

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.009" – 0.011"	1.60 or1.80 mm	---	---
Pump Ratio	1 / 28	---	---	---
Air Pressure	3 – 5 Bar	3 – 4 Bar	---	---
Thinning	20 – 30% T-445	20 – 30% T-445	10 – 15% T-445	10 – 15% T-445

Film Thickness

	As Sealer			As Clear Coat		
	Recommended	*Minimum*	*Maximum*	*Recommended*	*Minimum*	*Maximum*
Wet Film Thickness (µm)	50	15	80	125	80	170
Dry Film Thickness (µm)	20	5	30	45	30	60

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Recoating Interval
30 – 60 Minutes	2 – 3 Hours	8 – 10 Hours	Min. 8 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*
**Please note that the substrate humidity should be lower than 5%*

Recommendations	-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-445.

PACKING, STORAGE AND SAFETY

Packing	Component A(Epoxy): 20 Litres Containers (15 kgs. Net) and Component B(Hardener): 10 Litres Containers (7 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.