FIRE-RETARDANT COATING
RTB-1279 (A&B COMPONENTS)

This coating is a high-temperature resistant, flameproof, two-component coating with excellent insulation capabilities. Ronass Fire-Retardant Coating can provide valuable time while firefighting in is process while also featuring excellent adhesion and anti-corrosive properties during the course of its service life.

USES AND SUITABALE TOP-COATS

Recommended Uses	This product can be used as a flameproof coating for protection of steel structures against fire while fire extinguishing is in process.
Suitable Top-Coats	Epoxy primers

CHEMICAL COMPOSITION

Type of Binder	Epoxy – Polyamide	Solid Content After Mixing	80 ± 1% By Weight
Number of Component(s)	2 Components		64 ± 2% By Volume
Curing Mechanism	Chemical Reaction	Flash Point	29°C (84°F)

PHYSICAL PROPERTIES

Finish	Semi gloss
Colour	Wide range available according to the RAL colour system.
Specific Gravity after Mixing	1.50 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation: All oil, grease, dirt and other contaminants must be removed from the surface. Sandblast according to Swedish Standard (SIS 5900) Sa 2 ½ or Sa 3, and treatment with an epoxy primer is recommended.

Mixing Ratio: Component A: 100 Parts by weight Component B: 10 Parts by weight

Mixing Instructions: Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 5 minutes. Keep the mixture for 5 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately.

Pot Life: 4 Hours at 25°C

Theoretical Consumption: Depends on formulations.

Paint Application

Methods	Airless Spray	Air Spray	Brush	Roller
Nozzle Size	0.031" – 0.049"	1.80 mm	---	---
Pump Ratio	1 / 68	---	---	---
Air Pressure	5 – 8 Bar	3– 5 Bar	---	---
Thinning	2 –5% T-723	5 – 10% T-723	2 – 4% T-723	2 – 4% T-723

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (mm)	6.0	3.0	9.0
Dry Film Thickness (mm)	4.0	2.0	6.0

Drying Time@25°C

Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
1 – 2 Hours	4 – 6Hours	1–2 Days	10-14 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:
-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-723.

PACKING, STORAGE AND SAFETY

Packing	Component A(Epoxy): 20 Litres Containers (25 kgs. Net) and Component B(Hardener): 5 Litres Containers (2.5 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.