TWO-COMPONENT TRAFFIC PAINT
RTB-2787

RTB-2787 is a special quick-curing two-component traffic paint that provides excellent adhesion to concrete and asphalt substrates, exhibits exceptional resistance against abrasion and can be applied in a variety of weather conditions. RTB-2787 is a highly durable system that allows for minimal downtime in road closures.

USES

Recommended Uses	Traffic paint used for road markings, identification markings and road signs.

CHEMICAL COMPOSITION

Type of Binder	Acrylic Resin	Solid Content After Mixing	≥99% By Weight
Number of Component(s)	2 Components		≥99% By Volume
Curing Mechanism	Chemical Reaction		

PHYSICAL PROPERTIES

Finish / Colour	Flat Pure White (Comparable with RAL-9010) and Yellow (Comparable with BS-381-C-355)
Specific Gravity after Mixing	1.80 ± 0.05 gr/cm³

APPLICATION DETAILS

Surface Preparation	It is recommended to remove all oil, grease, dirt and other contaminants from the surface. Surface cleaning and preparation can be completed using high pressure hydro and air blasting systems. Furthermore, it is suggested that any layers of previously applied paint be removed prior to application.
Mixing Ratio	Component A: 100 Parts by weight Component B: 1.2 Parts by weight
Mixing Instructions	Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for at least 1 minute.
Pot Life	10 Minutes at 25°C
Theoretical Consumption	1800 gr/m² @ 1000 Microns DFT | 900 grams per single cross walk marking (1 m length, 50 cm width) @ 1000 Microns DFT
Thinning	Do not use any thinner to dilute product.
Method of Application	Road marking equipment such as Screed road marking machines, molds and brushes. Brush: For small areas or touch-up

Film Thickness

	Recommended	Minimum	Maximum
Wet Film Thickness (µm)	2000	500	5000
Dry Film Thickness (µm)	2000	500	5000

Drying Time@25°C

Surface Drying Time	Thorough Drying Time	No Pick-Up Time (Open to Traffic)
Max 20 Minutes	Max 45 Minutes	Max 60 Minutes

**Drying time calculated at 25°C according to ASTM test method D-1640 for 100 µm WFT*
**Drying time is directly proportional to film thickness and indirectly proportional to ambient temperature*

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-805.

PACKING, STORAGE AND SAFETY

Packing	Component A: 20 Litres Containers (25 kgs Net) and Component B(Hardener): 1 Litres Containers (0.3 kgs Net)
Storage Conditions	To be stored in cool and dry conditions in original sealed containers. Stored at ambient temperature above zero degrees centigrade.
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.