

Special two-component epoxy coating with excellent chemical resistance and anti-corrosive properties.

### USES AND SUITABLE PRIMERS

|                  |   |
|------------------|---|
| Recommended Uses | Intermediate and finish coat for steel structures, maintenance operations, protective coating systems, interior coatings for vessels and water tanks. RTB-757-R can also be used as a finish coat for epoxy coating systems on concrete surfaces. |
| Suitable Primers | RTB-756-R (Chemical-Resistant Epoxy Primer) or other chemical-resistant primers.  |

### CHEMICAL COMPOSITION

|                        |                          |                            |                   |
|------------------------|--------------------------|----------------------------|-------------------|
| Type of Binder         | Epoxy – Polyaminoamide   | Solid Content After Mixing | 85 ± 1% By Weight |
| Number of Component(s) | 2 Components             |                            | 71 ± 2% By Volume |
| Curing Mechanism       | Chemical Reaction        |                            |                   |
| Main Pigment(s)        | Inorganic Inert Pigments | Flash Point                | 28°C (82°F)       |

### PHYSICAL PROPERTIES

|                               |   |
|-------------------------------|---|
| Finish                        | Gloss   |
| Colour                        | Pure White (RAL-9010) and Light Grey (RAL-7035) |
| Specific Gravity after Mixing | 1.60 ± 0.10 gr/cm <sup>3</sup>                  |

### 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 3, and treatment with RTB-756-R (Chemical-Resistant 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 10 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately. |
| Pot Life                | 2 Hours at 25°C   |
| Theoretical Consumption | 230 gr/m <sup>2</sup> @ 100 Microns DFT   |

| Paint Application | Methods      | Airless Spray   | Air Spray      | Brush        | Roller       |
|-------------------|--------------|-----------------|----------------|--------------|--------------|
|                   | Nozzle Size  | 0.011" – 0.015" | 1.80 mm        | ---          | ---          |
|                   | Pump Ratio   | 1 / 45          | ---            | ---          | ---          |
|                   | Air Pressure | 4 – 6 Bar       | 3 – 4 Bar      | ---          | ---          |
|                   | Thinning     | 5 – 10% T-445   | 10 – 20% T-445 | 2 – 5% T-445 | 2 – 5% T-445 |

| Film Thickness          | Recommended             |     | Minimum | Maximum |
|-------------------------|-------------------------|-----|---------|---------|
|                         | Wet Film Thickness (µm) | 200 |         | 140     |
| Dry Film Thickness (µm) | 150                     |     | 100     | 200     |

| Drying Time | Dust Free Time  | Tack Free Time | Dry to Handle | Fully Cured | Recoating Interval            |
|-------------|-----------------|----------------|---------------|-------------|-------------------------------|
|             | 45 – 60 Minutes | 3 – 4 Hours    | 6 – 8 Hours   | 7 – 10 Days | Min. 16 Hours<br>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.<br>-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 (25 kgs. Net) and Component B(Hardener): 4 Litres Containers (2.5 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.<br><br>Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate ventilation. |