

Special heavy-duty two-component glass flake epoxy coating with excellent adhesion, chemical resistance and great mechanical properties.

### USES AND SUITABLE TOP-COATS

**Recommended Uses** Single coating system for protection of steel surfaces against corrosion in offshore and marine structures, and an interior coating for tanks and pipelines. This coating is also recommended for use in industrial areas for new construction and maintenance operations.

**Suitable Top-Coats** RTB-1274-R can be over-coated by itself.

### CHEMICAL COMPOSITION

|                        |                        |                            |                   |
|------------------------|------------------------|----------------------------|-------------------|
| Type of Binder         | Epoxy – Polyaminoamide | Solid Content After Mixing | 86 ± 1% By Weight |
| Number of Component(s) | 2 Components           |                            | 72± 2% By Volume  |
| Curing Mechanism       | Chemical Reaction      |                            |                   |
| Main Pigment(s)        | Glass Flake            | Flash Point                | 29°C (84°F)       |

### PHYSICAL PROPERTIES

|                               |   |
|-------------------------------|---|
| Finish                        | Semi gloss  |
| Colour                        | Wide range available according to RAL colour system |
| Specific Gravity after Mixing | 1.65 ± 0.05 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(roughness: min 120 µm) is recommended.

**Mixing Ratio** Component A: 100 Parts by weight    Component B: RTB-1274-R-B or RTB-9300 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** 2 Hours at 25°C

**Theoretical Consumption** 920 gr/m<sup>2</sup> @ 400 Microns DFT

|                          |              |                 |               |              |              |
|--------------------------|--------------|-----------------|---------------|--------------|--------------|
| <b>Paint Application</b> | Methods      | Airless Spray   | Air Spray     | Brush        | Roller       |
|                          | Nozzle Size  | 0.017" – 0.021" | 1.80 mm       | ---          | ---          |
|                          | Pump Ratio   | 1 / 68          | ---           | ---          | ---          |
|                          | Air Pressure | 4 – 6 Bar       | 3 – 5 Bar     | ---          | ---          |
|                          | Thinning     | 3 – 5% T-445    | 5 – 10% T-445 | 2 – 4% T-445 | 2 – 4% T-445 |

|                       |                         |             |         |         |
|-----------------------|-------------------------|-------------|---------|---------|
| <b>Film Thickness</b> |                         | Recommended | Minimum | Maximum |
|                       | Wet Film Thickness (µm) | 555         | 280     | 780     |
|                       | Dry Film Thickness (µm) | 400         | 200     | 560     |

|                    |                |                |               |             |                               |
|--------------------|----------------|----------------|---------------|-------------|-------------------------------|
| <b>Drying Time</b> | Dust Free Time | Tack Free Time | Dry to Handle | Fully Cured | Recoating Interval            |
|                    | 1 – 2 Hours    | 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*

|                           |                        |           |            |
|---------------------------|------------------------|-----------|------------|
| <b>Application Limits</b> | 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-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 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.