

# SEALBOND RTP-815P

## REFLECTORIZED TRAFFIC PAINT

### Product Description

**SEALBOND RTP-815P** ReflectORIZED Traffic Paint commonly known as phenolated reflectORIZED traffic pavement markings. The phenolated base line markings for concrete or asphalt pavements formulated with high grade pre mixed optical glass beads for retro-reflection of light beams.

### Features

- Easy application and flexible
- Weathering & UV Resistance
- Water & Oil Resistance

### Application Areas

- Excellent reflective paint for gutter, guardrails, steel post, concrete barriers and walls.
- Can be use in roads, bridge structure, highway structure and tunnels.
- For parking lot, airport runways and other related services.
- And other related services

### Processing Data

Mix Ratio (by volume)		Single Component		
		20°C	25°C	30°C
Temperature		20°C	25°C	30°C
Drying Time at 75µ DFT	Surface Dry	6hrs	5hrs	4hrs
	Hard Dry	10hrs	8hrs	6hrs
	Full Cure	24 hrs		
Over Coating Interval at 75µ DFT	Min	16 hrs	12 hrs	8hrs
	Max	12 days	12 days	10 days
Shelf Life at 28 °C		12 months		

### Technical / Performance Data

Color	Orange, White, Black & Yellow
Finished	Gloss
Flash Point	40°C
Specific Gravity	1.25kg/ Li
Viscosity	75-85 ku
Volume Solids	52%
Glass beads density	500 grams/ liter

### Procedure & Guidelines

#### SURFACE PREPARATION

##### GENERAL

Surface to be coated must be thoroughly clean free from rust, dust, dirt, oil, grease, etc. and thoroughly dry. Surface temperature must be higher the dew point 3°C.

**STEEL SUBSTRATE:** Abrasive Blast Cleaning ISO (8501-1) Sa 2 1/2 or SSPC-SP10 near white blast cleaning. For touch up, ISO (8501-1) St 3 SSPC-SP11 Power Tool Cleaning. All welds should be relatively smooth without sharp edges and free from weld slag and platter.

**CONCRETE SUBSTRATE:** Cure for at least 28 days before application. Remove loose or excess mortar, efflorescence, laitance and concrete form release compounds that reduce adhesion. Etch or abrasive blast polished or glazed concrete before use on floors.

## SEALBOND RTP-815P

### APPLICATION

Temperature : Min 5°C/ Max 50°C  
 Humidity : Max 85% RH  
 Thinner : Sealbond Paint Thinner  
*(use if necessary)*

### Preceding Coats

For steel: Epoxy primers or CRB primer  
 For concrete: Epoxy bonding/ Sealer

### For Airless Spray:

Tip No.: Gracco 621, 721 etc.  
 Point output pressure: 60-100 kg/cm<sup>2</sup>  
 Viscosity: 85KU/ 100 sec (Ford cup #4)  
 Thinning: 10-15% by volume

### For Brush/ Roller

Suitable: Typically 50-75µ can be achieved  
 Thinning: 10-15% by volume

During application, mixed paint should be stirred slowly and constantly to avoid pigment settling. All blast cleaned surfaces should be coated normally within 4 hours and before rust bloom occurs. Patch or stripe coat for sharp edges, bolts welded areas or crevices should be applied by brush first.

Before subsequent coat application, all cracks and contaminations if any should be removed. Excessive thickness of the required DFT per coat is not recommended. Sufficient ventilation is required during application in confined spaces.

### Theoretical Coverage

SEALBOND RTP-815P  
 144µ per coat WFT  
 75µ per coat DFT, 6.93 m<sup>2</sup> per liter

### Health & Safety

This product should be used by professional/knowledgeable applicators. Refer to Sealbond Material Data Sheet. Follow all local or national health, and environmental regulations. Observe all safety labels on packaging and containers. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only at well ventilated areas. Handle product with care.

### Storage / Packaging

SEALBOND RTP-815P is available in 4 Li, 16 Li & 20Li

This product must be stored in well ventilated space, protected from sun and rain.

Temperature: 5- 50 °C  
 Humidity: 0 - 90% RH

### Additional Information - Disclaimer

The information and in particular, recommendations relating to the application and end-use of Sealbond products, are given in good faith based on Sealbond's best knowledge and specialty on construction chemical formulations. Products are properly stored and handled in accordance with Sealbond's endorsements. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. In practice, to different materials used, as well as varying working conditions and environments beyond our control Sealbond Chemical Industries Inc. strictly recommend carrying out intensive trials to test the suitability of the product with regards to the required processes and applications. Therefore, any liability for such recommendations or any oral/verbal advice is expressly excluded unless we have acted wilfully or by gross negligence. Sealbond Chemicals Industries Inc. is not liable for installation or faulty installation. It is always the responsibility of the installer/applicator/purchaser to guarantee and certify the installation of materials.

All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product awareness, copies of which will be supplied on request and is free of charge.