

# Royston® 754 Low VOC Tac Coat

Royston® 754 Low VOC Tac Coat is a solvent based, cold applied, high performance elastomeric adhesive. Royston®'s carefully balanced solvent blend allows for minimized drying time along with easy application using roller, brush, airless sprayer or standard asphalt distributor.

FEATURES	BENEFITS
Liquid form at ambient temperatures	Allows for easy application without need for heating
Low VOC content	Able to be used in areas with VOC Restrictions
Single Component	No proportioning required

## USES

### Application

- Royston® 754 Low VOC Tac Coat is designed to be used as a bond/tack coat between the substrate and the Rosphalt® or Rosphalt® LT waterproofing overlay.

- This adhesive is a highly effective tack coat for bare concrete when Rosphalt® is the desired overlay solution. The elastomeric base of the Royston® 754 Low VOC Tac Coat enhances the adhesion of the Rosphalt® overlay to the concrete substrate.

### Locations

- Bridges/Highways
- Parking Decks
- Roadways
- Commercial Structures
- Airports (Tarmac & Gate Areas Only)

### Substrate

- Concrete

## LIMITATIONS

- Minimum installation temperature is 35 °F (2 °C)

## SURFACE PREPARATION

New Surfaces: Should be flat, clean, completely dry and free from dust, dirt, mud, oil, grease and other contaminants. Holes, voids and uneven surfaces with imperfections over 1/4" peak to valley, should be prepared with suitable material to obtain a level substrate to avoid any puddling or ponding of the Royston® 754 Tac Coat.

Existing Surface: Surface must be cleaned with high pressure water or other acceptable method and allowed to dry completely. Surface must be swept and blown clean prior to adhesive application.

TECHNICAL DATA – FLAMMABLE LIQUID	
<b>Composition</b> – Synthetic rubber and resin based compound in organic solvent system	
Properties	Typical Properties
Color	Black
VOC (ASTM D3960)	1.55 lb/gal (186 g/L)
Percent Solids, by weight	47.3 ± 1.0%
Density (lbs./gal.)	7.73 ± 0.1 lbs/gal
Viscosity (sec)	21 ± 5 sec
Recommended Application Rate (gal/sq yd)	0.10 – 0.15

## MIXING

Royston® 754 Tac Coat should be stirred to a uniform consistency prior to use. Agitation using a drill and spiral mixing paddle is recommended after extended storage.

## APPLICATION

Royston® 754 Tac Coat can be applied by brush, roller, airless sprayer or standard asphalt distributor truck. The airless spray equipment is the same type used with solvent containing paints and should produce a 2,000 psi maximum pressure. When using a conventional asphalt distributor, Royston® 754 should be applied at 0.1 to 0.15 gallons per square yard in a normal spray pattern.

To avoid solvent entrapment, a 20-40 minute (at 70°F) drying period necessary prior to the placement of the Rosphalt® overlay. This drying period may be longer depending on weather conditions and temperature.

The Royston® 754 Tac Coat should be tacky to the touch but must not stick to the tires of the construction equipment. Coverage of 98% of the substrate must be achieved in order to ensure good bonding between the overlay and base. For more information on deck prep and tack coat application please refer to the most current version of the "Rosphalt® Installation Guidelines".

**COVERAGE**

Standard application rate for Royston® 754 Low VOC Tac Coat is 0.1 - 0.15 gallons per square yard.

**PACKAGING**

5 Gallon Pails  
55 Gallon Drums

**STORAGE**

Materials must be kept in a dry area at temperatures between 50°F and 95°F (10°C - 35°C) in the original unopened containers during all phases of delivery, storage and handling.

**SHELF LIFE**

1 year

**CAUTION**

Direct contact with skin should be avoided as it can cause skin irritation. Protective clothing, goggles and gloves are recommended. In case of direct contact with skin, wash with soap and water. In case of accidental contact with eyes or ingestion, report to a doctor.

**Contact Chase Construction Products**

**Global Operations Center**

295 University Avenue  
Westwood, MA 02090  
USA  
[www.chasecorp.com](http://www.chasecorp.com)

Toll Free (US only): 800-323-4182  
Tel: 781-332-0700  
Fax: 781-332-0701  
Email: [info@chasecorp.com](mailto:info@chasecorp.com)

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