

## Royston® Roybond 713A Primer

Roybond 713A is a solvent based, fast drying, single component, rubber resin primer to be used on properly prepared surfaces prior to the placement of Royston® preformed sheet membranes.

Roybond 713A adheres firmly to properly prepared concrete, wood, aged asphalt, metal or other common construction materials. It enables an effective and continuous bond to be formed between the substrate and the preformed Royston® rubberized asphalt sheet membrane. Roybond 713A is to be applied when ambient and substrate temperatures are 45 °F and rising.

FEATURES	BENEFITS
Specially designed primer for Royston® sheet membranes	Generates high peel strength
Low Viscosity	Easily distributed
High yield	Cost effective

### USES

#### Application

- As a primer for the Royston® line of architectural, bridge and reflective cracking membranes.

#### Locations

- Bridges, Highways, & Tunnels
- Airport Runways / Taxiways
- Parking Structures
- Commercial Buildings & Other Below Grade Architectural Membrane Applications

#### Substrate

- Cured Concrete
- Steel
- Aged Asphalt
- Wood

### SURFACE PREPARATION

New Surfaces: Should be flat, clean, dry and free from dust, dirt, mud, oil, grease and other contaminants. Holes, voids and uneven surfaces with imperfections over ¼" peak to valley, should be prepared with suitable material to obtain a level substrate. Ensure that all sharp protrusions are removed prior to installation.

Existing surface: Existing waterproofing must be removed in its entirety. Surface must be cleaned with high pressure water or other acceptable method and allowed to dry. Surface must be swept and blown clean prior to primer application.

### MIXING

Roybond 713A must be stirred well prior to use to ensure uniformity. A drill and spiral mixing paddle are strongly recommended.

### APPLICATION

Roybond 713A primer should be stirred before using and applied at a rate of approximately 250 sq. ft. per gallon (without dilution) by brush, squeegee or short nap roller. The primer should be dry to the touch prior to installation of the Royston® membrane system. Drying typically requires 20-30 minutes, but varies depending on temperature and humidity. Brush out any puddles of primer to allow for uniform drying. If the membrane has not been applied within 24 hours, re-coating of the substrate may be necessary due to dust accumulation. Roybond 713A is to be applied at ambient and substrate temperatures of 45 °F and rising.

TECHNICAL DATA – FLAMMABLE LIQUID		
Properties	Test Method	Typical Properties
Color		Black
Density, (lbs./gal.)		7.5 ± 0.1 lbs/gal
Viscosity	#4 Zahn Brookfield	45 ± 5 sec.
Flash Point		45 °F
% Solids	Internal	23.81% ± 1.0% 1-2 hours @ 105°C
VOC Content		4.77 lbs/gal 688 g/L

### COVERAGE

250 sq. ft./gallon when used as a primer for bridge and architectural membranes. Coverage will vary due to porosity of the substrate.

**LIMITATIONS**

Do not apply membrane to wet adhesive.  
Do not apply primer to foam substrates or forms. Do not apply primer to asphalt less than 1 year old.

**KEEP OUT OF REACH OF CHILDREN**

**CLEAN UP**

Toluene

**PACKAGING:**

1 Gallon Units (4 per case)  
5 Gallon Pails  
55 Gallon Drums

**SHELF LIFE**

1 Year

**STORAGE CONDITIONS**

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.

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