

Royston® Roybond 740 Low Temperature Primer

Roybond 740 Low Temperature 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 740 Low Temperature 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 740 Low Temperature is to be applied when ambient and substrate temperatures are between 25°F and 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
Low temperature bond	Application temperatures as low as 25° F

USES

Application

- As a primer for the Royston® line of architectural, bridge & 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 1/4" 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 must be stirred well prior to use to ensure uniformity. A drill and spiral mixing paddle are strongly recommended.

APPLICATION:

Roybond 740 Low Temperature primers should be stirred before using and applied at a rate of approximately 150-200 sq. ft. per gallon 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 740 is to be applied at ambient and substrate temperatures of 25-45° F and rising.

TECHNICAL DATA – FLAMMABLE LIQUID		
Properties:	Test Method	Typical Properties
Color:		Red
Density, (lbs./gal.)		7.87 ± 0.1 lbs/gal
Flash Point		45° F
% Solids (by weight)	Internal	46.8% ± 1.0% 1 hour @ 105°C
VOC Content		4.08 lbs/gal (488 g/L)

COVERAGE:

150-200 sq. ft./gallon when used as a primer for bridge and architectural membranes. Achieved coverages will vary due to porosity of the substrate.

LIMITATIONS:

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

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 the skin, wash with soap and water. In case of accidental contact with eyes, flush immediately with plenty of water and report to a doctor. Fatal if taken internally. Keep away from open flame.

KEEP OUT OF REACH OF CHILDREN

CLEAN UP:

Use 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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