

Royston® 104-Caulkable Mastic (104CM)

Royston® 104-Caulkable Mastic (104CM) is a heavy bodied, black, rubberized asphalt, single component adhesive to be used with Royston® waterproofing membranes. The cold applied adhesive possesses low flow characteristics which allows a bead of material to be drawn across seams and edges without sagging, creating an impenetrable barrier that prevents the intrusion of moisture at seams, protrusions and edges/termination points. The compound's formulation will not dry out, crack or generally deteriorate.

FEATURES	BENEFITS
Single component	Easily applied with standard 32 oz caulking gun or bulk gun
Gel consistency	Allows for the adhesion to irregular surface profiles
Flexible	Allows for minor amount of movement related to thermal expansion/contraction, settlement or shrinkage
Installed down to 40 °F	Can be applied in a wide temperature range

TECHNICAL DATA – FLAMMABLE LIQUID		
Properties	Test Method	Typical Properties
Color		Black
Mixing Ratio		Single Component
Density		8.5 +/- .1 lbs/gal
Viscosity	Internal	Gel
Vertical Hang		250 mils avg
Solid Content by Weight	Internal	75% min

USES

Application

- As an adhesive for the Royston line of architectural, bridge & reflective cracking membranes.
- As a sealant around protrusions and termination points

Locations

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

Substrate

- Asphalt based sheet membranes
- Cured Concrete
- Steel
- Aged Asphalt
- Wood

COVERAGE

Bead Size	Packaging	Footage per Unit
1/4" bead	32 oz tube	90'
1/2" bead	32 oz tube	20'
1/4" bead	1 gallon	360'
1/2" bead	1 gallon	80'
1/4" bead	5 gallon	1800'
1/2" bead	5 gallon	400'

LIMITATIONS

Do not apply 104-CM to wet substrate.

Do not place 104-CM underneath the membrane, as it is not intended to be an adhesive but rather a sealant material.

SURFACE PREPARATION

Surface should be dry and free of dust, dirt, mud, oil, grease and other contaminants prior to installation.

APPLICATION

Apply with standard, appropriate sized caulking gun or bulk caulking gun depending on 104-CM packaging. If using 32 oz tube, cut plastic tip to achieve desired bead width and puncture foil seal. If using a bulk caulking gun, select the appropriate tip that generates desired bead width. Evenly draw bead across termination, overlap, or protrusion of Royston® membrane. If large deposits of 104-CM occur, simply smooth out with a brush, trowel or other implement.

CLEAN UP

See SDS for health and safety information

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.

PACKAGING

32 oz tubes (20 per case)
5 Gallon Pails

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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