



Royston®

Technical Data Sheet

DESCRIPTION

Royston Butyl Moldable Sealant (C125 Tac Tape) is a 125 mil, high temperature, cold applied, dielectric putty. It is designed to be used as a filler material to fill gaps and voids and to contour irregular surfaces, providing a seamless, water tight barrier preventing overwraps from bridging over substrates. The compound serves as an initial protection against corrosion and electrolysis on irregular fittings and hard-to-coat metal substrates. The use of Butyl Moldable Sealant provides a bonded protective coating with exceptional cohesive strength, flexibility and versatility.

Royston Butyl Moldable Sealant requires the use of a primer before application.

RECOMMENDED USE

Appropriate for coating girth welds, longitudinal weld seams, bolts, mechanical couplings, transitional bell and spigot joints, saddle tees, leak clamps, anode wire connections and anywhere a coating filler is needed.

SUBSTRATE COMPATIBILITY

Steel, Stainless Steel, Ductile Iron, other meals, FBE, PE

SURFACE PREPARATION

SSPC SP-2 Hand Tool Cleaning, SSPC SP-3 Power Tool Cleaning or SSPC SP-6/ NACE No. 3 Commercial Blast Cleaning

PRIMER

Royston Butyl Moldable Sealant requires a primer to allow for permanent adhesion. A 4 mil WFT of Royston Roybond 747 or Roybond 747 Aerosol should be applied and allowed to dry prior to application of the Butyl Moldable Sealant. When use of a primer is not preferred or allowed, Tapecoat Moldable Sealant should be considered.

REFERENCE

Royston Butyl Moldable Sealant can be used as a filler material in conjunction with other coatings to meet all of the performance criteria listed in the most recent revisions of:

NACE SP0109
 ANSI/AWWA C209 and C216

SAFETY

Refer to Material Safety Data Sheet: MSDS-BUTYL-MOLDABLE-SEALANT

APPLICATION

Refer to Application Guidelines: AG-COLD-TAPE

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Typical Technical Data

Property	US Customary	Metric	Test Method
Total Thickness	125 mils	3.18 mm	ASTM D1000
Cathodic Disbondment, 30 days	<0.3 in ²	<5 mm radial	ASTM G8
Adhesion to Primed Steel	10 lbf/in	1.75 N/mm	ASTM D1000
Water Vapor Transmission Rate @100° F (38° C)	<0.01 g/(24h*100 in ²)	<0.05 g/(h*m ²)	ASTM E96 Procedure B
Water Absorption	<0.5%	<0.5%	ASTM D570
Leachable Chlorides	None	None	
Service Temperature Range	-40° F to +185° F	-40° C to +85° C	

ORDERING INFORMATION

Roll Size	Rolls Per Case
2" x 10'	8
4" x 10'	4

CASE PACKAGING

0.13 SQ (13.3 ft²) per case
Case Weight: 15 lbs

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