



Royston®

Technical Data Sheet

DESCRIPTION

Royston Butyl Moldable Sealant (C125 Tac Tape, C60, A-60, A-40, A-30) is a 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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Chase Corporation
295 University Avenue
Westwood, MA 02090

Phone: 800-323-4182
Fax: 781-332-0701
www.chasecorp.com

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Typical Technical Data

Property	US Customary	Metric	Test Method
Total Thickness	125 mils 60 mils 40 mils 30 mils	3.18 mm 1.52 mm 1.02 mm 0.76 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

Product Thickness	Roll Size	Rolls Per Case	Coverage per case	Approximate Case Weight
125 mils (C125)	2" x 10'	8	0.13 SQ (13.3 ft ²)	15 lbs
125 mils (C125)	4" x 10'	4	0.13 SQ (13.3 ft ²)	15 lbs
60 mils (C60)	4" x 50'	10	1.67 SQ (167 ft ²)	70 lbs
60 mils (C60)	2" x 50'	18	1.5 SQ (150 ft ²)	70 lbs
60 mils (A-60)	1.5" x 33'	24	0.99 SQ (99 ft ²)	48 lbs
40 mils (A-40)	2" x 50'	24	2.0 SQ (200 ft ²)	62 lbs
30 mils (A-30)	2" x 25'	54	2.25 SQ (225 ft ²)	54 lbs