

Royston®

Technical Data Sheet

DESCRIPTION

Royston Thick N' Quick Mastic is a thixotropic, brush applied asphalt coating for below grade applications. Thick N' Quick is a time proven coating technology for providing corrosion protection to metal fittings, flanges, valves, tanks, mechanical couplings, anode connections and other difficult and irregular configurations.

Thick N' Quick easy to apply by brush or rubber glove. Due to its thixotropic nature it resists drips and sags during application, but will become more flowable the more it is mixed.

RECOMMENDED USE

Appropriate for coating fittings, flanges, valves, tanks, mechanical couplings, anode connections and other difficult and irregular configurations.

SUBSTRATE COMPATIBILITY

Steel, Stainless Steel, Ductile Iron, other metals, FBE, CTE, Asphalt, Concrete

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

None needed

OPTIONAL REINFORCEMENT

Royston Glas-Wrap can be applied over the mastic or between mastic layers, giving the coating added strength and impact resistance.

SAFETY

Refer to Safety Data Sheet: SDS-TNQ

APPLICATION

Apply in two or three coats that each have a WFT of 20 mils. Allow the first coat to dry to the touch before application of the second coat, about 30 minutes. Never apply more than 40 mils in a single coat to prevent mud cracking.

Thick N' Quick is usually sufficiently dry after 1 1/2 hours for light handling and backfilling. Low temperature or high humidity conditions will lengthen the dry time.

Refer to Application Guideline: AG-MASTICS for detailed more information.

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Typical Technical Data

Property	US Customary	Metric	Test Method
Color	Black	Black	
Percent Solids, Volume	64%	64%	ASTM D2697
Percent Solids, Weight	74%	74%	ASTM D2369
Solvents	Toluene, VM&P Naphtha	Toluene, VM&P Naphtha	
VOC Content	<2.3 lb/gal	< 280 g/l	
Flash Point	38°F	3°C	ASTM D327 (Closed Cup)
Water Absorption	<0.5%	<0.5%	ASTM D570
Water Vapor Transmission Rate	<0.5 g/(h*m ²)	<0.5 g/(h*m ²)	ASTM E96 Procedure B
Holiday Detection Setting	2000V for 15 mil DFT	2000V for 380 µm DFT	NACE SP0188
Cathodic Disbondment, 30 days	<1.1 in ²	<15 mm radial	ASTM G8
Service Temperature Range	-40°F to +250°F	-40°C to +121°C	

ORDERING INFORMATION

Container Size	Containers Per Case	Weight
1 Gallon	4	43# per Case