



TECHNICAL DATA SHEET

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RUSCOE 5742 BLACK LAP SEALANT

Description:

Ruscoe 5742 Black Lap Sealant is a specially formulated high solids, EPDM-based sealant designed to seal the exposed edges of the rubber membrane splice of EPDM roof systems. This sealant has excellent adhesion to clean EPDM surfaces during all adverse weather conditions.

This single component material is non-stringy and easy to apply from caulking guns and bulk applications at temperatures above 20°F (-7°C) and does not contain asbestos or other harmful ingredients.

Features	Benefits
Aliphatic Solvent System	Will Not Attack Polystyrene
Excellent Adhesion to a Variety of Surfaces	To EPDM Sheeting, Metals, Wood and Concrete

Basic Use:

This sealant is designed to seal the exposed edge of the rubber membrane splice of EPDM roof systems.

Packaging Available:

1/10 Gallon Cartridge, 5 Gallon Pails, 55 Gallon Drums

Instructions:

Apply with a standard caulking guns to surfaces that have been cleaned with a supplier recommended primer wash.

Limitations:

All surfaces to be sealed or bonded must be primer washed and free from contaminants. DO NOT USE as a splicing cement between rubber membranes when making splices.

Clean-Up:

With Mineral Spirits or VM&P Naphtha Solvent

Availability/Cost:

Availability and cost can be obtained from your local Ruscoe Company Representative or Distributor.

Physical Properties:		
	Typical values	Test Method
Base Polymer	EPDM Rubber	FTIR
Colors	Black & White	Visual
Specific Gravity	1.07	ASTM D 244
Weight per Gallon	8.90 pounds	ASTM D 244
Press-flow Viscosity	3 seconds per gram maximum @ 40 psi	ASTM D 2452 (modified)
Tack Free Time	Less than 4 hours	ASTM D 2377
Crack Resistance	Excellent, no adverse effects after 1 month at 158°F and QUV	ASTM C 792 ASTM C 1246
Heat Resistance	Excellent, no adverse effects after 1 month at 158°F (70°C)	ASTM C 792 ASTM C 1246
UV Light Resistance	Excellent, no adverse affects 2,000 hrs in QUV cabinet.	ASTM C 793 ASTM D 2249
Low Temperature Flexibility	No cracking at -20°F or loss of adhesion	ASTM C 734
Cure Rate	Fully cured in 72 hours	ASTM D 2377
VOC Content	390 grams/liter	ASTM D 3960
Bond Strength	Cohesive Failure	ASTM D 413
Solids Content	50% minimum	ASTM D 3168
Sag Resistance	1.50" max. at 158°F	ASTM D 2202
Flash Point	52°F (11°C)	ASTM D 1310
Application Properties:		
Service Temperature	-40°F to +250°F	ASTM D 3359
Application Temperature	20°F to 120°F	ASTM C 603
Coverage	20 ft./11 oz. minimum	ASTM D 1005
Storage Temperature	65°F to 110°F	ASTM D 1337
Shelf Life	1 year minimum	ASTM D 1337
NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.		

Health & Safety:

Users must follow individual product data sheet and Material Safety Data Sheets (M.S.D.S.) for health and safety precautions. Always use protective eyewear.

All statements, technical information and recommendations contained herein are based on tests believed to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties expressed or implied.

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use the product. Before using, user shall determine the suitability of the product for their intended use and user assumes all risk and liability whatsoever in connection therewith.

The foregoing may not be changed except by an agreement signed by officers of seller or manufacturer.