

TECHNICAL DATA SHEET



PERMANENT SEALER MS NON-SAG JOINT SEALANT (LVOC)

DESCRIPTION

Ruscoe MS Non-Sag Joint Sealant conforms to ASTM C719 Test Method for Adhesion and Cohesion of Elastomeric Joint Sealant under Cyclic Movement +50% extension and -50% compression as outlined in ASTM C920. Ruscoe MS Non-Sag Joint Sealant is a paintable, fast curing, non-sag concrete joint sealant formulated from high grade polyether technology to exhibit superior adhesion and flexibility to a wide variety of substrates.

Ruscoe MS Non-Sag Joint Sealant is extremely UV and weather resistant as well as low VOC/HAPS free. Ruscoe MS Non-Sag Joint Sealant is non-isocyanate, non-yellowing and will not crack, peel, shrink, or stain. USDA compliant for use in meat and poultry areas. Conforms to ASTM C920, Type S, Grade NS, Class50, Use NT, M, A, G and O.

SUGGESTED USES

Ruscoe Permanent Sealer MS Non-Sag Joint Sealant is especially effective for sealing bridge deck vertical curbs or any other area requiring a tough resilient sealant, where low VOC's are a must.



FEATURES

Easy application – one part ready to use as supplied; no mixing or heating required; dispensed directly from container.

- No Solvents
- No Shrinkage
- No Isocyanates
- Non-yellowing
- Paintable

APPLICATION

Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion. Remove all old sealant before applying Ruscoe MS Non-Sag Joint Sealant. Some substrate materials may not be compatible with this product so testing a small area for compatibility is recommended.

STORAGE AND SHELF LIFE

When stored in unopened, original containers at or below 80°F (27°C), Ruscoe Permanent Sealer MS has a shelf life of one year from the date of shipping. Keep all containers tightly closed.

HEALTH AND SAFETY

Health and safety data sheets available upon request at The Ruscoe Company.

DRYING

Traffic may be resumed within 1 hour without pick up or tracking. Cured products may be painted with most industrial & consumer paints. Testing prior to painting is recommended.

COLORS

Ruscoe MS Non-Sag Joint Sealant is available in both Gray and Black.

PRECAUTIONS

Some cleaners and solvents may not be compatible with this product. Use with adequate ventilation. Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. A void repeated, prolonged contact with skin. See MSDS for additional information. **Keep out of reach of children.**

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TYPICAL PROPERTIES	
Color	Black, Grey
VOC	<10 g/L
Specific Gravity	1.40 – 1.44
Skin Time	20 – 30 Minutes
Viscosity, Brookfield, Spindle #T-E @ 5 RPM	500,000 cps
Shelf Life	12 Months



PERFORMANCE PROPERTIES OF CURED SEALANT	
Hardness – Shore A	45
Tensile Strength ASTM D412	125 psi minimum
Elongation ASTM D412	1200% Minimum
Peel Adhesion	23 ppi/100% CF
UV Ratings ASTM G-26	2,000 hrs. UV-A no change in appearance or physical properties
Shrinkage	Nil
Service Temperature	-75°F to 300°F

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 expresses 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 many are not changed except by an agreement signed by officers of seller or manufacturer.