



FLEXBOND

ROOF COATING HIGH SOLIDS

CAUTION: Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Keep out of reach of children. Read SDS prior to use. For professional use only. Emergency phone number 1-800-424-9300.

FLEXBOND SILICONE COATING SPECIFICATION

ASTM D 6694

Viscosity	ASTM D 2196	30,000 cps
Solids by Weight	ASTM D 1644*	98%
Solids by Volume	ASTM D 2697*	97%
Weight Per Gallon	ASTM D 1147	11.5 lbs.
Wet Film Per Gallon	ASTM D 4414	16 mils
Dry Film Per Gallon	SSPC-PA 2	15.5 mils
Tensile Strength	ASTM D 2370	478 psi
Elongation	ASTM D 2370	235 %
Tear Strength	ASTM D 624	29 lbf/in
Permeance	ASTM E 96	8.7 perms
Reflectivity – Initial	ASTM C 1549	.84
Reflectivity – Aged	ASTM D 1549	.71
Emissivity	ASTM C 1371	.91
SRI	LEED	106
LRV - White	ASTM C609	.92
LRV - Gray	ASTM C609	.47
LRV - Tan	ASTM C609	.40
Flash Point	ASTM D 56	NA
VOC	EPA 24	< 25 g/l

PRODUCT DESCRIPTION

100% silicone based McGuire silicone roof Coating is a single part roof coating that creates a barrier that is resistant to natural weathering, is durable, breathable, watertight and weatherproof. McGuire #8000 can be applied over spray applied polyurethane foam, EPDM, PVC, aged acrylic coatings, concrete, asphalt BUR, granulated modified bitumen, and metal roofs. McGuire Flexbond Silicone Coating has excellent primerless adhesion to many surfaces when tested in accordance with ASTM D 6694.

APPLICATION

Surface to be coated must be dry and free of dirt or corrosion particles. Clean with McGuire Flexbond Surface Wash. EPDM roofs in particular require aggressive power washing and may need to be cleaned twice to remove all surface contamination. Thoroughly rinse the roof after cleaning to remove all detergent. Primerless application is allowed on some substrates, refer to current McGuire Guide Specification for your project. Adhesion test results meeting the requirements of ASTM D 6694 are required for primerless applications. Discoloration of Flexbond Silicone coating is expected when applied without primer to asphalt surfaces. Asphalt BUR, granulated modified bitumen, and smooth modified bitumen roofs may require McGuire Asphalt Bleed Blocker Flexbond Silicone Coating is not recommended on aluminum coated roofs. On aged single-ply roofs, Primer may also be used to increase long term adhesion in areas that retain water. Coating may be applied to aged PVC with Flexbond Bleed Blocker Primer. Coating may be applied to TPO roofs with McGuire #8015 TPO Primer. On metal substrates where rust is present, after removing all loose material, McGuire #1019 should be applied to the rusty area prior to application of Flexbond Silicone Coating. All penetrations, drains, flashings, ponding water areas, terminations, curbs, etc., should be sealed with McGuire Silicone Mastic and/or reinforcement as stated in our McGuire Guide Specification. Roof temperature should be above freezing during application. Use Flexbond Silicone Coating as it comes from the container, no thinning is necessary and mechanically mix prior to use. Apply uniform coat of #8000 at a rate of 1.5 gallon per 100 sq. ft., coverage rates may vary, refer to the current McGuire Guide Specification for your project. A second coat may be necessary, apply the second coat in a multi-directional fashion within 48 hours of application of the first coat for best results.

This product cures through absorption of moisture from both the substrate and the air. Avoid entraining air when mixing. Cure time will be faster in humid conditions and on substrates that hold moisture such as concrete. Open and partially full containers will skin over quickly. If this occurs, remove the skin and continue using the remaining product.

The preceding directions are basic guidelines only. Please read and understand the complete McGuire Guide Specification for this product for the intended application. The Guide Specification is available from Sales@mcguireroofs.com
Clean up: Clean up with McGuire Cleaner.

Shelf Life: Two years from the date of manufacture.

Typical physical properties +/- 5%

Container Sizes: 1, 5, 55 gallon

Colors: White, Black, Gray, Tan



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