



QUIK-SHIELD 1891

Silicone Patching Compound

QUIK-SHIELD® 1891 is a thick, high-build liquid that is a dispersion of 100% silicone rubber. It is designed to seal abnormal roof penetrations that cannot be covered with standard sprayers or rollers. It features low odor, ease of application, fast moisture cure, and superior adhesion to a variety of substrates.

TYPICAL PHYSICAL PROPERTIES

Properties achieved in a lab environment at 77°F. Field conditions may cause variation in properties.

	PROCEDURE	VALUES
Elongation (%)	ASTM D-412	379
Tensile Strength (psi)	ASTM D-412	235
Tack Free Time (hrs)	ASTM C-679	1-2
Cure Time (hrs)	ASTM C-679	16-18
VOC (g/L)	EPA-24	<50

TYPICAL CURE RATE

Cure rate at 77°F and 50% RH.

Tack Free Time (hrs)	1-2
Through Cure (1/8" depth)(hrs)	16-18

RECOMMENDED STORAGE AND SHELF LIFE

- Storage temperatures 50-90°F (10-32°C).
- 12 month shelf life from date of manufacture (unopened containers).
- Keep container tightly sealed.
- Store out of direct sunlight, in a cool dry place, avoid freezing.

PRODUCT INFORMATION

Product Color	White
Product Packaging	2 Gallon Pail

PROCESSING

Weather Restrictions	QUIK-SHIELD® 1891 should not be applied in temperatures above 120°F. For cold weather application, store material above 65°F before use.
Preconditioning	The surface must be clean, dry and free of oils and other contaminants.
Equipment	Product can be brush, towel, or putty knife applied.

Consult SWD Urethane for priming recommendations. In all cases, a sample should be tested and/or test joints should be installed on the project to confirm suitability.

APPLICATION

QUIK-SHIELD® 1891 can be applied by brush, trowel or hand to gaps on abutting substrates as well as filling cracks on parapet walls, protrusions, joints, fasteners, flashing and seams. It may also be used in conjunction with polyester fabric to three course areas of the roof that may require additional reinforcement. QUIK-SHIELD® 1891 should be applied at a rate no greater than one quarter of an inch per application. If thicker application is required, apply in multiple coats, allowing adequate cure time in between each coat. See SWD specification guidelines for further details on substrate prep. Contact SWD for technical questions: 888-380-2022.

CAUTIONS & RECOMMENDATIONS

QUIK-SHIELD® 1891 is neither tested nor represented as suitable for medical or pharmaceutical uses. QUIK-SHIELD® 1891 is not recommended for silicone structural glazing, application in confined areas without proper ventilation, or joints under constant water submersion.



The information herein is believed to be reliable; however, unknown risks may be present. SWD Urethane makes no warranty, expressed or implied, concerning this product's merchantability or fitness for any particular use. The product will meet the written liquid component specifications as indicated on the technical data sheet published at the time of the purchase. The entirety of SWD Urethane's responsibility is limited only to the cost of the SWD material. The foregoing constitutes SWD Urethane's sole obligation with respect to damages, whether direct, incidental or consequential, resulting from the use or performance of the product.

Safety is the responsibility of the owner, the owner's appointed representative, the contractor, and/or inspector. Become familiar with local, state, and federal regulations regarding chemical health, safety, and handling. For more information consult the product SDS, contact the SPFA (www.sprayfoam.org) or the ACC (www.spraypolyurethane.org).

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