



QUIK-SHIELD 2110

Silicone Roof Coating

QUIK-SHIELD® 2110 is a single component, solvent borne, moisture cure fluid applied silicone coating. It helps keep building cooler in hotter months while maintaining low energy costs. QS2110 adheres well to most substrates and can be used as a water proof membrane for various roofing substrates.

PHYSICAL PROPERTIES (AS SUPPLIED)

	PROCEDURE	VALUES
Solids Content (% by weight)	D-1644	82.44%
Solids Content (% by volume)	D-2697	68.9% (±2)
Specific Gravity at 25°C (77°F)		1.31
Tack Free Time (min)		10-20
Cure Time (hrs)		1-3
Volatile Organic Compounds (g/l)		246

PHYSICAL PROPERTIES (AS CURED)

Durometer Hardness, Shore A (points)	D-2240	70
Tensile Strength (psi)	D-412	551 (±25)
Elongation (%)	D-412	186 (±10)
Permeability ¹ (perms)	E-96	7.9
Tensile, Set at 100% Elongation		Nil
Temperature Stability Range, °C (°F)		-37 to 100°C
Accelerated Weathering, QUV (5000 hrs)	G-154	No Degradation
Flame Spread	E-108	Class A
Initial Solar Reflectivity ²	C-1549	87
Initial Thermal Emissivity ²	C-1371	90
SRI Value ²		113

¹20 mils at 38°C (100°F) and 90% relative humidity. ²Applies to QUIK-SHIELD 2110 white only.

RECOMMENDED STORAGE AND SHELF LIFE

- Storage temperatures 40-80°F (4-27°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, dark gray, light gray, or tan



PROCESSING

Equipment Due to the high viscosity of the material, a high-pressure airless sprayer capable of producing a minimum of 3500 PSI at the spray gun head should be used. The pump should have a minimum of 3 gallons per minute output rate. Always use components rated for pump pressure. Hoses should be BUNA-N jacketed for prevention of moisture contamination. Hoses should have a minimum I.D. of 3/4" and an adequate working pressure. The spray gun should be high pressure (5000 PSI) with reverse-a-clean spray tip, having a minimum orifice of .030 and a 50° fan tip.

Proper application settings is the responsibility of the end user. If additional information is required, contact **SWD Technical Support at 888-380-2022.**

APPLICATION

1. Surfaces to be coated with QUIK-SHIELD® 2110 Series Coating must be properly prepared.
2. All surfaces must be clean, dry and free of loose particles.
3. The coating can be applied with airless spray equipment or applied by medium nap roller.
4. For small touch-up work, a brush may be used.

HEALTH & SAFETY

SWD Urethane is committed to the health and safety of our customers. SWD and QUIK-SHIELD® products shall only be installed by an SWD Urethane approved contractor. Applicators are required to follow all proper handling, safety and installation procedures. For more information consult the product SDS.

WARRANTY

SWD Urethane offers 5, 10, 15, and 20 year roof warranties. All roof warranties must be registered with SWD Urethane . See SWD Limited Warranty - Roofing Systems and Coatings for required coating thickness and additional details.



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).