



QUIK-SHIELD 2120

High Solids Silicone Roof Coating

QUIK-SHIELD® 2120 is a high solids, moisture cure, fluid applied silicone coating. This single component coating is low VOC and can increase indoor comfort while reducing building's energy costs. QUIK-SHIELD® 2120 adheres well to most substrates and can be used as a water proof membrane for various roofing substrates.

PHYSICAL PROPERTIES (as supplied)

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

	PROCEDURE	VALUES
Cure Time (hrs)		1-4
Flash Point (°F)		141
Solids Content (% by weight)	D-2369	92±3
Specific Gravity at 25 °C (77 °F)		1.24
Tack Free Time (hrs)		1-2
Volatile Organic Compounds (g/l)		<50

PHYSICAL PROPERTIES (as cured)

Accelerated Weathering, QUV (5000 hrs)	G-154	No Degradation
Durometer Hardness, Shore A (points)	D-2240	37
Elongation (%)	D-412	237
Flame Spread	E-108	Class A
Initial Thermal Emissivity ²	C-1371	90
Permeability ¹ (perms)	E-96	10.7
SRI Value ²		113
Temperature Stability Range, °F (°C)		-35 - 212°F (-37 - 100°C)
Tensile, Set at 100% Elongation		Nil
Tensile Strength (psi)	D-412	247

¹20 mils at 38 °C (100 °F) and 90% relative humidity

²Applies to QUIK-SHIELD® 2120 white only

RECOMMENDED STORAGE AND SHELF LIFE

- Storage temperatures 40-80°F (4-27°C) See back for preconditioning of material.
- 24 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.
- Silicone product must be used immediately after opening container.

PRODUCT INFORMATION

Product Color White, dark gray, light gray, or tan (Colors may vary slightly from each batch)



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® 2120 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).