

# QUIK-SHIELD 1929R

## Acrylic Roof Coating

QUIK-SHIELD® 1929R is a high solids, heat resistant, water based, elastomeric coating material made from 100% acrylic polymers.

### BENEFITS:

- High tensile strength
- Chemical, corrosion, and abrasion resistant

### TYPICAL PHYSICAL PROPERTIES\*:

	PROCEDURE	VALUES
Tensile Strength (psi @ 75°F)	D-412	250
Tensile Strength (psi @ 0°F)	D-2370	230
Elongation at Break (% @ 75°F)	D-412	489
Elongation at Break (% @ 0°F)	D-2370	461
Hardness (shore A)	D-2240	40
Surface Burning Flame (index)	E-84	15
Surface Burning Smoke (index)	UL 723	20
Water Vapor (perms @ 20 mils)	E-96	3.5
Water Absorption (% , 168 hr @ 75°F)	D-2842	5
Foam Adhesion Failure, Dry (peak)	D-413	3.2
Foam Adhesion Failure, Wet (peak)	D-413	3.5

### APPROXIMATE COVERAGE:

Dry Mils / 100 sf / gallon	7.3
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### REACTIVITY PROFILE at 150°F (66°C):

Tack Free Time (seconds)	3-5
Cure Time (hours)	24

### EQUIPMENT (ADDITIONAL DETAILS ON BACK):

- Can be applied by brush, roller, or airless sprayer
- High pressure airless sprayer
  - Minimum 1000 psi
  - No filter
  - Hose 3/8" minimum spray line
  - Tip 619-645

### MIXING (ADDITIONAL DETAILS ON BACK):

- Mixing not necessary.

### STORAGE AND SHELF LIFE:

- Storage temperatures 50-89°F (10-32°C) . See back for preconditioning of material.
- Six months shelf life from date of manufacture (unopened containers):
- Keep container tightly sealed.
- Store out of direct sunlight, in a cool dry place, avoid freezing.

### APPROVALS/ COMPLIANCE:

L: FILE # R-8671, R-9303  
CITY OF LOS ANGELES: REPORT # RR  
24072

### HIGH THERMAL STABILITY:

Withstands temperatures from -30°F  
to 230°F (in cured state)

### PACKAGING:

275 Gallon Tote  
55 Gallon Drum

### FINISHED PRODUCT COLOR:

White, Buff, Santa Fe Buff, Light Gray,  
Dark Gray

### TESTED & APPROVED:

Quik-Shield® 1929R is Energy Star  
certified.  
UL, City of Los Angeles approved.  
Quik-Shield® 1929 coatings were tested  
by the US Navy Civil Engineering Lab  
(NCEL) in an on-going environmental  
test from 1977-1990. Rated "excellent"  
and "recommended for use at any and  
all locations."

### WARRANTY:

SWD Urethane offers 5 to 15 year material  
limited warranties and 5 to 20 year system  
warranties. All roof warranties must be  
registered with SWD. See SWD Urethane  
Warranty Program for required coating  
thickness and details.

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



SWD Urethane

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## PREPARATION OF SUBSTRATES

Providing the proper substrate is the responsibility of the owner, the owner's appointed representative, the contractor, and/or inspector. The following are manufacturer's recommendations. However, other preparation techniques may be required given unique/specialized application circumstances. Contact SWD for technical questions.

It is recommended to remove dust, dirt, oil, latents, paint, and alternative polymers from all surfaces prior to applying SWD products.

See NRCA and SPFA guidelines for further details on substrate preparation.

### SPRAY FOAM

- Coating should be applied 2-24 hours after installation of foam. Beyond 24 hours, contact SWD for recommendations.
- Avoid contaminating surface of foam after foam installation.
- Blow off surface of foam, as necessary, before application of coating.

### STEEL & OTHER METALS

- Metal surfaces should be free of all rust, scale, dirt, grease, oil, chalking, paint or other contaminants.
- It is the responsibility of the contractor/end user to determine proper adhesion and suitability. Contact SWD for recommendations.

### CONCRETE

- The concrete surface should be fully cured, structurally sound, clean, and dry.

### PREVIOUSLY APPLIED FOAM or OTHER POLYMERS

- As practical, remove previously applied foam and other polymer products. Application of product over existing materials should be performed only after adhesion/compatibility is verified.

### OTHER SUBSTRATES

- It is the responsibility of the contractor/end user to determine proper adhesion and suitability. Contact SWD for recommendations.

## PROCESSING

1. Mixing is not necessary.
2. Product can be applied by brush, roller, or airless sprayer
3. Clean with a thorough water flush.
4. Contact an SWD representative for further recommendations.

## APPLICATION

1. Clean surfaces according to "Preparation of Substrates" section.
2. Ambient/substrate temperatures should be between 50-130°F. Higher and lower application temperatures are possible, contact SWD representative for more details.
3. Flush an adequate amount of material through the lines/gun prior to spraying desired surface when changing between systems. Flush amount will be dependent on prior system used. Contact an SWD representative for more details.
4. Before application, test material to ensure that material sprays, cures, and hardens properly.
5. Inspect applied material intermittently to ensure no problems exist.

If problems are detected, discontinue application and inspect all substrates, equipment, gun, and liquid material for problem source(s).

6. Never allow liquid components to run out.
7. Allow product to cure a minimum of 4 to 6 hours before recoating.

## CLEANING AND MAINTENANCE

1. Spray equipment must be maintained in proper operating condition. Failure to adequately maintain spray equipment may result in poor product performance. Refer to your equipment manufacturer's maintenance procedures for more details.
2. Contact SWD for long-term equipment storage recommendations.



**SWD Urethane**

800-828-1394 • [swdurethane.com](http://swdurethane.com)

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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](http://www.sprayfoam.org)) or the ACC ([www.spraypolyurethane.org](http://www.spraypolyurethane.org)).