

Membrane Roofing/Silicone Coating

**NATIONAL
COATINGS**

1. PRODUCT NAME

SRCSM 740

Silicone Roof Coating High Solids

2. SUPPLIER

NATIONAL COATINGS CORP.

1201 Calle Suerte

Camarillo, CA 93012

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3. PRODUCT DESCRIPTION

SRC 740 Solvent-Free Silicone Roof Coating is a one-component, moisture curing silicone rubber roof coating system designed for use on existing smooth surface BUR, granulated cap sheet, well-adhered acrylic coating, concrete, metal, sprayed-in-place polyurethane foam and various single-ply membrane roofing.

The system provides long-term protection because it resists weathering, aging, oxidation, wind-driven sand, rain and snow, the effects of ozone, ultraviolet radiation and the temperature extremes typically found on roofs. With its high solids content and absence of hydrocarbon solvents, **SRC 740** can be applied in excess of 40 mils in a single coat without blistering, while maintaining maximum adhesion.

BENEFITS:

- *Seamless Waterproofing*
- *Fully-Adhered Installation*
- *Breathable Membrane*
- *Superior Weathering*
- *Energy Savings*
- *Prolonged Roof Life*
- *Reduced Life Cycle Costs*
- *Renewable*
- *Environmentally Friendly*

APPROVALS:

- ENERGY STAR[®] Partner - Product in white and sand, meets the ENERGY STAR[®] guidelines for energy efficiency.



- Class A Rating



- CRRC Rated - Prod ID 0626-0024



- Miami-Dade County Approval



- California Title 24



- Tested and Certified by NSF International



Certified parameters can be found here: <http://info.nsf.org/Certified/Protocols/Listings.asp?Company=C0345895&Standard=P151>

4. TECHNICAL DATA

See table on reverse side.

5. INSTALLATION

- Surfaces to be coated with SRC 740 must be properly prepared.
- All surfaces must be clean, dry and free of loose particles.
- **Mix well before using.** For drums: use a ¾ hp air-powered mixer with a 6" blade and shaft that will create a good vortex. For

pails: use at least a 3" blade or a suitable hand mix paddle. Mixed materials should be used immediately to avoid curing in the container with small amounts of atmospheric moisture.

- The coating can be applied with standard airless spray equipment or applied by medium nap roller.
- For small touch-up work, a brush may be used. May be applied by spray, brush, or roller.
- For application details see specific Guide Specifications.

6. STORAGE

SRC 740 has a recommended shelf life of 24 months from date of manufacture when stored in unopened containers and between 40°F and 80°F. Refer to product packaging.

7. AVAILABILITY AND COST

SRC 740 may be purchased directly from National Coatings Corporation. For information call 800-423-9557.

8. WARRANTY

Various warranties are available for specific SYSTEMS installed by approved applicators.

9. MAINTENANCE

Periodic maintenance ensures extended performance and reduces life cycle costs.

10. TECHNICAL SERVICES

Additional information, product brochures, and guide specifications are available. Roof energy evaluations, life cycle cost analyses, and other roof management services are also available from a National Coatings Technical Consultant.

11. FILING SERVICES

Additional product information is available from National Coatings Corporation.



SRC 740

Property	Typical Results
Tensile Strength	247psi
Elongation	237%
Initial Reflectivity (White)	.89
Initial Emissivity (White)	.90
Initial SRI Value	113
Permeance, US Perms	10.7 (20 mils at 100°F and 90 percent relative humidity)
Tensile, set at 100% Elongation	Nil.
Temperature Stability Range	-35°F. to 212°F (-37°C. to 100°C)
Weathering/UV Resistance	No degradation after 5,000 hours
VOC	<50 Grams/Liter
Durometer Hardness	37 ± 5 points (Shore A)
Solids Content By Volume	92% ± 3
Flash Point (COC)	141°F
Tack-Free Time	1-2 Hours, depending upon temperature
Cure Time	1-4 Hours, depending upon temperature
Shelf Life	(UNOPENED CONTAINERS): 12 months when stored between 40°F and 80°F.

Cool Roof Data

Bright White	Method	Initial	Aged
Solar Reflectance	ASTM C1549	.89	.73
Thermal Emittance	ASTM C1371	.90	.88
SRI	Calculated	113	90

SRC 740 is for industrial/commercial applications only. These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control.

