

Membrane Roofing/Silicone Coating

**NATIONAL
COATINGS**

1. PRODUCT NAME

SRC 750 ROLLER GRADE
Silicone Roof Coating High Solids
High Build

2. SUPPLIER

NATIONAL COATINGS CORP.
1201 Calle Suerte
Camarillo, CA 93012
Phone: 800-423-9557
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3. PRODUCT DESCRIPTION

SRC 750 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-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 750** can be applied in excess of 70 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*
- *High Build*
- *High Solids*
- *Roller Grade*
- *Low VOC*

APPROVALS:

- CRRC Rated
– Prod ID 0626-0034 (white)



- Energy Star



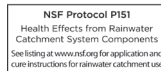
- UL 790 Class A Rating



- 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>

- Miami-Dade County Approval



4. INSTALLATION

- Surfaces to be coated with SRC 750 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 should be applied by medium nap roller.
- For small touch-up work, a brush may be used.
- For application details see specific Guide Specifications.

5. STORAGE

SRC 750 has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 40°F and 80°F. Refer to product packaging.

6. TECHNICAL DATA

See table on reverse side.

7. AVAILABILITY AND COST

SRC 750 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 750

Property	Typical Results
Appearance	White
Solids Content Percent by Volume ASTM D-2369	95(±2)
Solids Content Percent by Weight	95(±2)
Specific Gravity, at 25°C (77°F)	1.26
Tack-Free Time	1-2 hrs.
Cure Time	1-4 hrs.
VOC	<50 Grams/Liter
Flash Point	141°F
Durometer Hardness, Shore A, points ASTM D-2240	37
Tensile Strength, psi ASTM D-412	350
Elongation, percent ASTM D-412	174
Permeability*, perms ASTM E-96	10.7
Tensile, Set at 100 percent elongation	Nil
Temperature Stability Range, °C (°F)	-37 to 100 (-35 to 212)
Accelerated Weathering, QUV, 5,000 hours ASTM G 154	No degradation
Flame Spread ASTM E-108	Class A
*20 mils at 38°C (100°F) and 90 percent relative humidity	

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 750 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.

