



Sikalastic®-500

SINGLE COMPONENT, ULTRA HIGH SOLIDS, LOW VOC & UV-STABLE LIQUID APPLIED SILICONE ROOF COATING

BUILDING TRUST



Sikalastic®-500

Single Component, Ultra High Solids, Low VOC, UV-Stable Liquid Applied Silicone Roof Coating

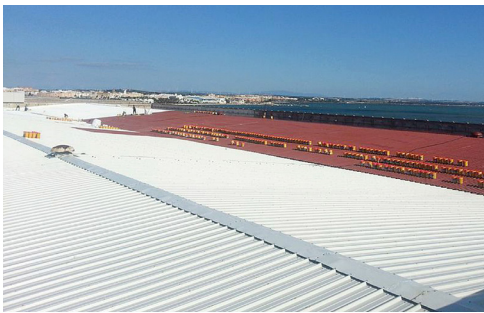
FEATURES & BENEFITS

- Highly UV resistant - Non yellowing - ideal for Cool Roofs (SRI ≥ 112)
- Seamless waterproofing membrane - lower risk of leakage
- Single component - Easy to apply - no mixing errors
- Ultra high solids - High material yield - low shrinkage
- Cold applied - Requires no heat or flame - reduces risk
- Low VOC content - California VOC and AQMD compliant - Eco friendly
- Highly elastic - Retains flexibility at low temperatures - Durable
- High tensile strength - Durable and long lasting waterproofing solution
- Good adhesion to a variety of substrates - Very versatile
- Resistant to ponding water - Ideal roof refurbishment solution



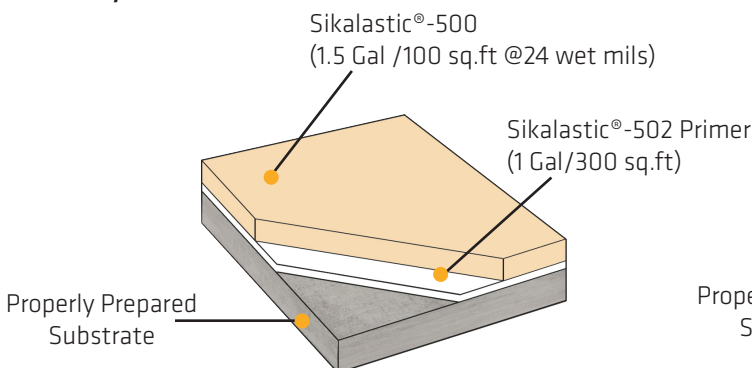
TECHNICAL DATA

Shelf Life	8 Months
Curing (75°F-24°C, 50% R.H.)	4 Hours
Tensile Strength, ASTM D-412	300 psi
Elongation, ASTM D-412	200 ± 15%
Specific Gravity	1.34
% Solids by Weight, ASTM D-2369	98%
% Solids by Volume, ASTM D-2697	98%
VOC, ASTM D-2369-81	34g/L
SRI	112
Colors	White, Light Gray, Tan & Custom

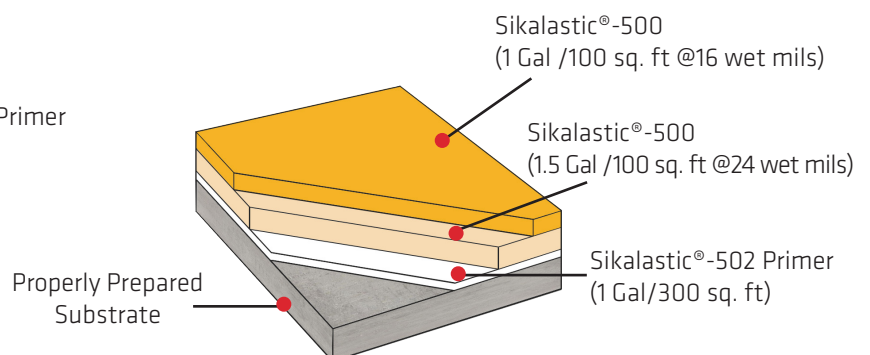


SYSTEM BUILD UP ON CONCRETE

24 mils system



40 mils system



PRIMER CHART

	Remark	Sikalastic®-501 Primer	Sikalastic®-502 Primer	Sikalastic®-503 Primer	Sikalastic®-504 Primer	Abrade
Concrete	1,3		■			
Brickwork	3		■			
Asphalt	2,3	■				
Bituminous Felt	2,3	■				
Bituminous Coating	2,3	■				
Metal	3	■	■			■
Lead	3	■	■			■
Aluminum	3	■	■			■
Stainless Steel	3	■	■			■
Polyurethane Coatings / Foam	3		■			
Wood	3		■			
PVC / FPO	3			■		
EPDM	3				■	
Acrylic Coatings	3		■			

1. New cementitious substrates must be Portland base and be cured min. 14 days.
2. The presence of volatiles may cause discoloration of Sikalastic if not properly primed.
3. Surface evaluation and field adhesion testing.

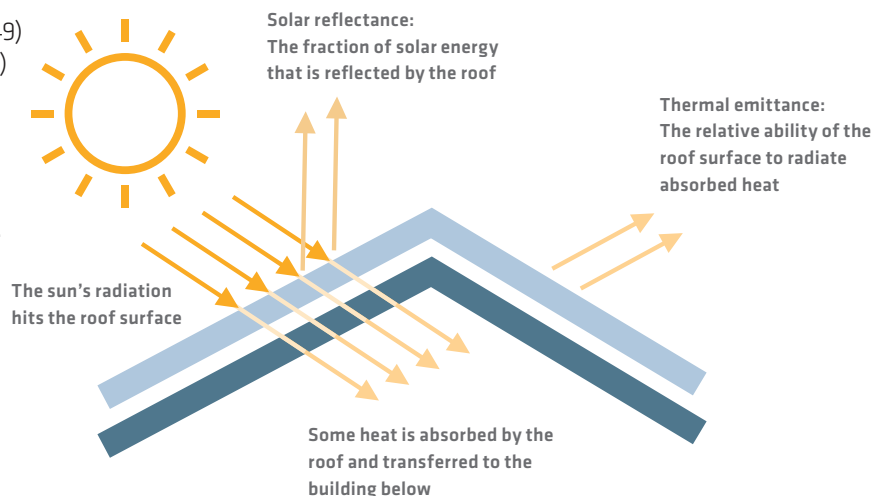
APPROVALS

CRRC Registration

Thermal Emittance:	0.91 (ASTM C-137)
Solar Reflectance:	0.88 (ASTM C-1549)
Initial Solar Reflectance Index (SRI)	112 (ASTM E-1980)

Benefits of a Cool Roof

- Reduce energy consumption of air conditioning.
- Reduce urban heat island effect.
- Reduce thermal stress on a roof and material itself.
- Reduce running and maintenance costs.
- Positive impact on global environment.
- Increase efficiency of photovoltaic panels.
- Conformity with LEED v2009 (SSc 7.2) / v4 (SSc 5).





FOR MORE SIKA ROOFING INFORMATION:

Contact Sika: Phone: 1-800-933-SIKA (Nationwide), Website: www.usa.sika.com

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The sale of all Sika products are subject to the following Limited Warranty:

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Our most current General Sales Conditions shall apply. Please consult the Product Data Sheets prior to any use and processing.

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