

IB Silicone Coating

Premium Performance Coatings

Fabric-Less Coating Systems | Faster Installation | Finish Quick/Finish First



Quality Products



Exceptional Service



Technical Expertise

IB Silicone Coating is a high-performance silicone elastomeric coating that offers a comprehensive solution for roof maintenance and renewal. This high-solids, single-component, moisture-cure fluid-applied coating is specifically engineered to reduce surface temperatures, thereby minimizing the thermal expansion and contraction that can cause roof damage. Its superior resistance to UV degradation ensures long-lasting protection and durability across various roof types. Complementing this, **IB Silicone FG** is a fibered silicone flashing-grade mastic that seals seams and addresses complex angles and penetrations, providing a robust solution in conjunction with IB Silicone systems. Together, these products deliver exceptional performance in maintaining and extending the life of roofing systems.

Features & Benefits

- Ponding water resistant
- **95% solids** by volume
- Excellent adhesion to a variety of substrates
- Excellent sag resistance
- Low VOC, less than 50 grams/liter
- Available colors:



Solar Performance

Thermal Emittance Values

ID Number	Color	Solar Reflectance (C1549)		Thermal Emittance (C1371)		SRI Value (E1980)	
		Initial	3-Year Aged	Initial	3-Year Aged	Initial	3-Year Aged
0640-0012 (smooth)	Bright White	0.88	0.63	0.87	0.89	112	75

Silicone Coating Packaging

- 5-Gallon Pail, 55-Gallon Drums, & 275-Gallon Tote

Silicone FG Packaging

- 2-Gallon Pail

IB SILICONE	VS	ASTM D6694
14.0	Adhesion to Galvanized Steel	≥2.0
8.0	Adhesion to PVC	≥2.0
4.1	Adhesion to EPDM	≥2.0
8.0	Adhesion to Mod Bit	≥2.0
95%	% Solids by Volume	>50%
96%	% Solids by Weight	≥60%
175% (initial) 170% (aged)	Elongation	≥100 ≥100
450 psi (initial)	Tensile Strength	150
Pass, no cracking or checking	Weathering/ UV Resistance after 5,000 Hours	Pass, no cracking or checking
5.0	Permeance	2.5 min

Approvals

- CRRC Listed
- California Energy Commission Title 24 Compliant (Table 110.8 C)
- Meets California SCAQMD requirements for VOCs



IB Silicone products meets and exceeds the industry standard for silicone roof coatings and is a versatile premium elastomeric coating that is designed to provide a weathering surface over metal panels, primed smooth and granule asphaltic roofs, concrete, aged EPDM, and aged thermoplastic single ply membranes.

Order an Adhesion Test Kit:



More Durable*



More Pliable*



Stronger*



No Flame



Reflective



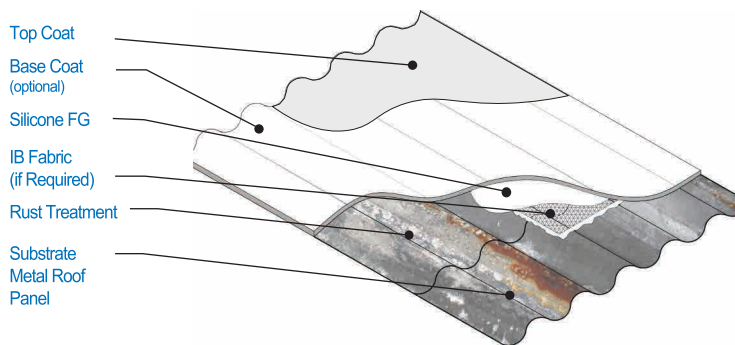
Resistance



UV Resistant



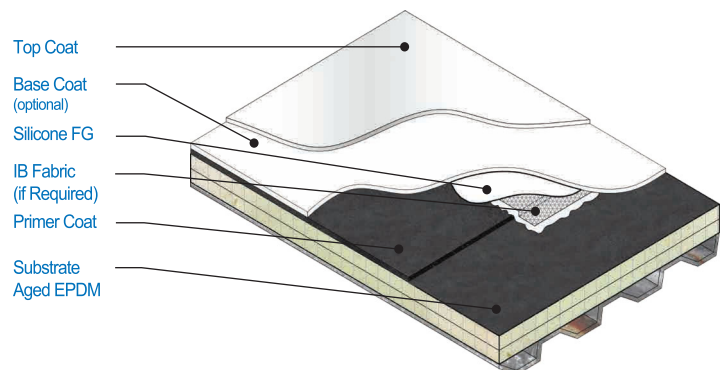
Existing Roof - Metal Panel Roof



LABOR STEPS

Repair Roof > Clean Roof > Rust Treatment > Seam & Fastener Treatment > Reflective Coat

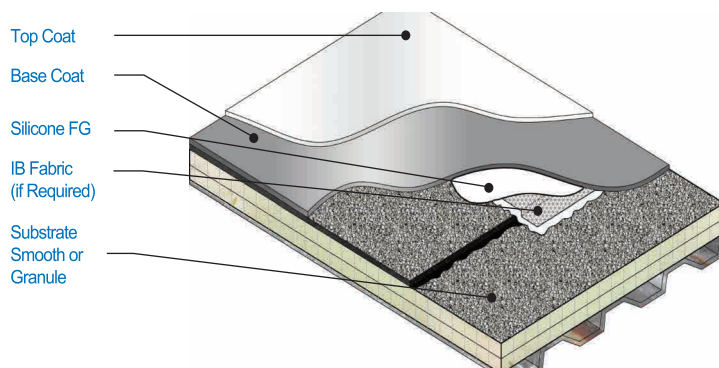
Existing Roof - Aged EPDM Single-Ply



LABOR STEPS

Repair Roof > Clean Roof > Primer > Seam Treatment > Reflective Coat

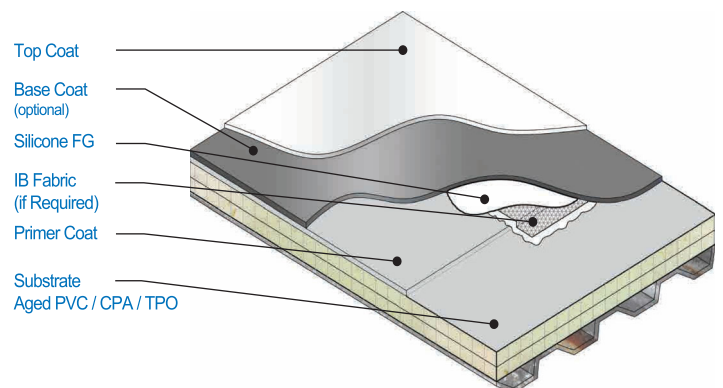
Existing Roof – Aged Modified Bitumen



LABOR STEPS

Repair Roof > Clean Roof > Seam Treatment > Base Coat > Reflective Coat

Existing Roof - Aged Thermoplastic Single-Ply



LABOR STEPS

Repair Roof > Clean Roof > Primer > Seam Treatment > Reflective Coat

Built to Last

Designed to help reduce surface temperatures, minimize thermal expansion and contraction while providing exceptional resistance to UV degradation and preventative coating solutions for renewal and restoration of metal panel roofs, EPDM, thermoplastics, asphaltic and modified bitumen, concrete, and foam.

IB Silicone Coating				
Item Code	Description/ Color	Size	Weight per Gallon	VOC Content
9-SILCW5	IB Silicone Coating White	5-Gallon	10.6 lbs./gal	<50 g/L
9-SILCG5	IB Silicone Coating Gray	5-Gallon	10.6 lbs./gal	<50 g/L
9-SILCT5	IB Silicone Coating Tan	5-Gallon	10.6 lbs./gal	<50 g/L
9-SILCW55	IB Silicone Coating White	55-Gallon	10.6 lbs./gal	<50 g/L
9-SILCG55	IB Silicone Coating Gray	55-Gallon	10.6 lbs./gal	<50 g/L
9-SILCT55	IB Silicone Coating Tan	55-Gallon	10.6 lbs./gal	<50 g/L
9-SILCW275	IB Silicone Coating White	275-Gallon	10.6 lbs./gal	<50 g/L
9-SILCG275	IB Silicone Coating Gray	275-Gallon	10.6 lbs./gal	<50 g/L
9-SILCT275	IB Silicone Coating Tan	275-Gallon	10.6 lbs./gal	<50 g/L

IB Silicone FG Coating				
Item Code	Description/ Color	Size	Weight per Gallon	VOC Content
9-SILCFGW2	IB Silicone FG White	2-Gallon	10.4 lbs./gal	<250 g/L
9-SILCFG2	IB Silicone FG Gray	2-Gallon	10.4 lbs./gal	<250 g/L

Warranty

IB Roof Systems offers Limited Material Warranties or Warranty Plus Labor & Material Warranties ranging from five to twenty years for applicable coating specifications published in this Manual when installed by an IB Authorized Contractor in accordance with the Specifications, Construction Details, and terms of the IB Warranty Program. Coating System Labor & Material Warranties are available for select coating system specifications when installed by an IB Coating Pro or Master Pro Status Contractor in accordance with the Specifications, Construction Details, and terms of the IB Warranty Program. Specifications not listed in the Manual may also be eligible for a warranty. Consult with **IB Technical Department at 1-800-426-1626** for eligibility requirements.