

Quick Spec

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Silicone Coatings For Existing TPO Membranes

This Quick Spec is an abbreviated specification and is not meant to replace the full specification. Read the entire System Specification prior to starting the project.

Application Method: Brush, Roller or Spray

- General Requirements:**
- Existing roofing system must be made watertight with similar materials, including removal and replacement of all wet materials.
 - Adhesion tests are required to ensure proper adhesion.
 - Roof must be clean and dry.
 - All seams must be addressed.
 - Application temperatures must be 35° F and rising.
 - Maximum roof surface temperature cannot exceed 100° F.

- Application Instructions:**
- Repair existing roofing system with like materials, including removal and replacement of wet materials.
 - Perform a minimum of 2 adhesion tests or a minimum of 1 adhesion test per every 100 squares.
 - Power Wash roof with 115 Cleaner and allow to dry.
 - Prime entire roof with Si TPO Primer.
 - Treat all seams, curbs, and flashings.
 - Apply coating per the chart below.

	Primer (required)		Base Coat		Finish Coat		Total	
	Product	(Gal/Sq)	Product	(Gal/Sq)	Product	(Gal/Sq)	Gal/Sq	Dry Mil Thickness
10 year	Si TPO Primer	0.1	100% Silicone Coating		100% Silicone Coating	1.5	1.5	24
15 year	Si TPO Primer	0.1	100% Silicone Coating	1.0 ¹	100% Silicone Coating	1.0 ¹	2.0 ¹	31
20 year	Si TPO Primer	0.1	100% Silicone Coating	1.25	100% Silicone Coating	1.25	2.5	39

1 The 100% Silicone Coating can be applied in either 2 coats at 1 gal/100 sf per coat (base and finish) or 1 coat at 2 gal/100 sf to achieve this warranty.