

LUCAS

Coatings, Sealants and Adhesives

#8000 Silicone Roof Coating Application Chart

Substrate	Prep	"Primer (When Required)"	Seams, Penetrations, Flashings, Drains & Other Details	#8000 Coverage		
				10 Year 24 wet mils 23 dry mils*	15 Year 32 wet mils 31 dry mils*	20 Year 40 wet mils 39 dry mils*
EPDM	1 gallon of diluted #115 per 100 sq. ft. Power wash twice. Power wash minimum 4000 psi	No primer required	Apply a stripe coat of #8500 or #8000 on all field seams, penetrations, flashings, drains, & other details to make roof seamless.	1 coat at 1.5 gallon per 100 sq. ft.*	1 coat at 2 gallons per 100 sq. ft.*	1 coat at 2.5 gallons per 100 sq. ft. each.*
Single-Ply/ Not EPDM	1 gallon of diluted #115 per 100 sq. ft. Power wash minimum 4000 psi	If adhesion tests fail, prime with #8015 at 1/10 of a gallon per 100 sq. ft.	Apply a stripe coat of #8500 or #8000 on all field seams, penetrations, flashings, drains, & other details to make roof seamless.	1 coat at 1.5 gallon per 100 sq. ft.*	1 coat at 2 gallons per 100 sq. ft.*	1 coat at 2.5 gallons per 100 sq. ft. each.*
Metal (Standing Seam)	1 gallon of diluted #115 per 100 sq. ft. Power wash minimum 4000 psi. If seams have greater than 1/16" deflection, add fasteners.	When required, apply #1019 to rusted areas at 1/2 to 3/4 gallon per 100 sq. ft.	Apply #8500 or #8000 on all seams in ridge cap, horizontal breaks, penetrations, & exposed fasteners	1 coat at 1.5 gallon per 100 sq. ft.* **	1 coat at 2 gallons per 100 sq. ft.* **	1 coat at 2.5 gallons per 100 sq. ft. each.* **
Metal (R-Panel)	1 gallon of diluted #115 per 100 sq. ft. Power wash minimum 4000 psi. If seams have greater than 1/16" deflection, add fasteners.	When required, apply #1019 to rusted areas at 1/2 to 3/4 gallon per 100 sq. ft.	Apply #8500 or #8000 on all horizontal and vertical seams, exposed fasteners, and penetrations	1 coat at 1.5 gallon per 100 sq. ft.* **	1 coat at 2 gallons per 100 sq. ft.* **	1 coat at 2.5 gallons per 100 sq. ft. each.* **
Smooth Modified	Power wash minimum 4000 psi.	No Primer required. #1015 is recommended as an asphalt bleed blocker. Apply at 1 gallon/ 100 sq. ft.	Apply a stripe coat of #8500 or #8000 on all field seams, penetrations, flashings, drains, & other details to make roof seamless.	1 coat at 1.5 gallon per 100 sq. ft.*	1 coat at 2 gallons per 100 sq. ft.*	1 coat at 2.5 gallons per 100 sq. ft. each.*
Granulated Modified	Power wash minimum 4000 psi.	No Primer required. #1015 is recommended as an asphalt bleed blocker. Apply at 1 gallon/ 100 sq. ft.	Apply a stripe coat of #8500 or #8000 on all field seams, penetrations, flashings, drains, & other details to make roof seamless.	1 coat at 1.5 gallon per 100 sq. ft.*	1 coat at 2.5 gallons per 100 sq. ft.*	1 coat at 3 gallons per 100 sq. ft. each.*
SPF- New	NA	Foam must be coated within 24 hours of application with either #8000 or #1015 Primer.	NA	NA	1 coat at 2 gallons per 100 sq. ft. Optional Granule coat #8000 at 0.5 gallons/ square. Broadcast granules into wet coating at 6 to 8 lbs/ square*	1 coat at 2.5 gallons per 100 sq. ft. Optional Granule coat #8000 at 0.5 gallons/ square. Broadcast granules into wet coating at 6 to 8 lbs/ square*
Concrete(Not Traffic Grade)	1 gallon of diluted #115 per 100 sq. ft. Power wash minimum 4000 psi. Allow to dry 48 hours.	No Primer required	Apply #8500 to all control joints, cracks, penetrations, flashings, drains, and scuppers	1 coat at 1.5 gallon per 100 sq. ft.*	1 coat at 2 gallons per 100 sq. ft.*	1 coat at 2.5 gallons per 100 sq. ft. each.*
Recoat	1 gallon of diluted #115 per 100 sq. ft. Power wash minimum 4000 psi	No Primer required	Apply #8500 where necessary to seal details.	1 coat at 1.5 gallon per 100 sq. ft.*	1 coat at 2 gallons per 100 sq. ft.*	1 coat at 2.5 gallons per 100 sq. ft. each.*

* Coverage rates are theoretical and do not account for waste.

** When figuring coverage for metal roofs you must also calculate the corrugation factor of the roof. Contact your RM Lucas Representative for assistance.