



792HS & 792EV Silicone

HIGH SOLIDS SILICONE ROOF COATING

PRODUCT DESCRIPTION

AguaSeal's 792HS and 792EV are 100% silicone single-part roof coating that creates a barrier that is resistant to natural weathering, is durable, breathable, watertight, and weatherproof. The 792HS/EV can be applied directly to many different substrates including single ply's (including but not limited to TPO, PVC, Hypalon, and EPDM), BUR, acrylic or urethane coatings, concrete, asphalt BUR, modified bitumen, and metal roofs.

APPLICATION

Clean all surfaces with AguaSeal 299SRW Roof Wash Surface and allow to dry. Ensure that the surfaces after cleaning are dry and free of dirt and debris. Due to the immense amount of carbon black present, EPDM roofs require the use of RoofBond Primer and aggressive power washing and may need to be cleaned twice to remove all surface contamination. Thoroughly rinse the roof after cleaning to remove all cleaners. Primerless application is acceptable on some substrates, refer to your AguaSeal Technical Representative for your project. Adhesion test results meeting the requirements of ASTM D 6694 may be required for primerless applications. Primers may also be required for "bleed blocking" of Asphalt BUR, granulated modified bitumen, and smooth modified bitumen roofs. 792HS/EV is not recommended on aluminum-coated roofs which must be cleaned thoroughly to remove the Aluminum coatings with 299 RW Roof Wash. 792HS/EV may be applied to aged PVC, TPO, or Hypalon with AguaGrip Primer. On metal substrates where rust is present, after removing all loose material, Panel Seal Metal Primer should be applied to the rusty area prior to application of 792HS/EV. All penetrations, drains, flashings, ponding water areas, terminations, curbs, etc., should be sealed with 1009SS Silicone Sealant and/or fabric reinforcement.

Roof temperature should be 50 degrees and rising during application. Use 792HS/EV as it comes from the container, no thinning is necessary and mechanically mix prior to use. Apply a uniform coat of 792HS/EV at a rate of 1.5 gallons per 100 sq. ft., coverage rates may vary. A second coat may be necessary, apply the second coat at a rate of 1 gallon per 100 sq. ft. in a multi-directional fashion within 48 hours of application of the first coat for best results.

The 792HS/EV cures through the absorption of moisture from both the substrate and the air. Avoid entraining air when mixing. Cure time will be faster in humid conditions and on substrates that hold moisture such as concrete. Open and partially full containers will skin over quickly. If this occurs, remove the skin and continue using the remaining product.

Clean up: Clean up with mineral spirits (equipment requires virgin solvents)

Shelf Life: Two years from the date of manufacture.

Technical Data

Flash Point	ASTM D 56	N/A
VOC	EPA 24	<25 g/l
Viscosity	ASTM D 2196	30,000 cps
Solids by Weight	ASTM D 1644	98%
Solids by Volume	ASTM D 2697	97%
Weight Per Gallon	ASTM D 1147	11.5 lbs.
Tensile Strength	ASTM D 2370	478 psi
Elongation	ASTM D 2370	235%
Tear Strength	ASTM D 624	29 lbf/in
Permeance	ASTM E 96	8.7 perms
Reflectivity- Aged	ASTM D 1549	.71
SRI	LEED	106
Wet Film Per Gallon	ASTM D 4414	16 mils
Dry Film per Gallon	SSPC-PA 2	15.5 mils
Flash Point	ASTM D 56	N/A
VOC	EPA 24	<25 g/l