



APPLICATION INSTRUCTIONS

S20 Series

Solvent-Free 100% Silicone Coating

SURFACE PREPARATION

It is extremely important to get the roof clean and dry. First remove heavy deposits of dirt, leaves and other debris from the roof using broom or air broomer, then inspect the entire roof surface and flashings for any open seams, tears, cuts, etc. Repair these flaws so water is not blown in under membrane during the cleaning process. Pressure wash roof with water and allow to dry completely.

For general cleaning, apply GacoWash Concentrated Cleaner according to label instructions. On all single ply membrane roofs, after application of cleaner, power scrub the roof surface until clean and then power wash to remove debris and continue rinsing until all suds are gone.

Biological Control: Areas of algae, mildew or fungus on the roof membrane or the existing coating should be treated with a solution of 1 part household bleach and 3 parts water, followed by a power washer rinse using clear water.

Drying: After cleaning and rinsing the roof, ensure no dirt or debris is present. Allow surfaces to thoroughly dry to prevent blistering. Examine roof, paying particular attention to areas of physical damage to determine that residual water has in fact dried before applying coating.

Note: Drying time depends on weather conditions such as temperature, humidity and air movement.

ASPHALT ROOFING SEALER

As an option to help inhibit bleed-through on asphaltic and bitumen-containing substrates, first apply 1 coat of GacoFlex A4207 BleedTrap Sealer for Asphalt Roofing at a rate of 100 sq. ft. per gallon to yield 8 dry mils.

PRIMING

Apply GacoFlex E5320 2-Part Epoxy Primer/Filler according to label directions. Existing silicone coatings should not be primed.

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Mix before application to ensure uniform color and consistency. Product should not be thinned. Apply by brush or ¾" nap woven roller as received. For spray application, use as received; consult Gaco Western's Silicone Spray Guide SG-Silicone for more information. For cold weather application, keep material stored above 65°F (18°C). Do not apply if rain is expected within 1 hour. For application in temperatures below freezing or above 120°F (49°C) contact Gaco Western.

On smooth surfaces, apply one coat at the rate of 1.5 gallons per 100 square feet to achieve approximately 22 dry mils. On granulated and other rough surfaces, apply two separate coats at the rate of 1 gallon per 100 square feet per coat. Allow first coat to dry a minimum of 4 hours at 55°F (13°C) or higher, or until it can be safely walked on (product is moisture cure, low humidity will result in longer dry times); recoat within 4 to 48 hours. Final coat should be allowed to cure 24 to 48 hours, depending on temperature and humidity, before suitable for light foot traffic.

Coat all surfaces including expansion joint covers and flashings. Extra material is required at all edges and penetrations if neoprene sheet flashing is not used.

Note: Application rate is job specific and losses due to overspray, surface profile, and wind may occur. Additional material may be required to achieve 22 dry mils.

CLEAN UP & MAINTENANCE

Application tools and equipment can be cleaned with GacoFlex Silicone Solvent. Recirculate through lines and gun until residual coating is removed. DO NOT USE WATER OR RECLAIMED SOLVENTS.

