

► SurePro Plus

HIGH SOLIDS SILICONE

► The Brand
You can Trust!

Ghemco SurePro Plus is a single component silicone elastomer, specifically designed with high volume solids. It is a pure elastomeric silicone coating system that provides superior weatherproofing, and UV resistance over a variety of roof substrates. The outstanding features of SurePro Plus are its high solids content, rapid cure, and superior physical properties. Tested and certified to meet Cool Roof Rating Council (CRRC) and EPA Guidelines for Energy Star compliance.

FEATURES & BENEFITS

- Prolongs life of roof, lowers internal temperatures, and reduces cooling costs
- Hydrophobic (withstands water penetration)
- Excellent adhesion to a variety of roof substrates and systems
- Easy application - fast and simple to install
- Reinforces / seals seams, penetrations and terminations, and makes spot repairs
- Slows degradation caused by normal weathering, aging, and ultraviolet rays
- Economical - extends the life of your roof
- Retains its integrity from -80°F to 250°F (-62°C to 121°C)
- Accelerator package is available to shorten cure time
- Can be re-coated up to 7 to 10 days between coats
- No checking / cracking after 10,000 hours*

DIRECTION OF USE

Typical Uses

Ghemco SurePro Plus can be applied to aged or cured single-ply, metal, spray polyurethane foam, built-up roofing, modified bitumen, and concrete roof systems. It can be applied as part of a maintenance or repair program, or as part of a complete restoration system. All Ghemco products are to be used and applied with reference to and in conjunction with Ghemco Guidelines and Specifications.

Mixing

Review all technical data sheets, system sheets, labels, instructions, SDS, and Guide Specifications before mixing and applying. At low speeds, mix 55 gallon (208.2 liters) drums and 5 gallon (18.93 liters) pails with a variable speed drill utilizing a jiffy mixer to suspend any settled pigments until a uniform color and consistency is achieved. Mixing time will vary based on temperature and atmospheric conditions.

Application

Prior to coating any surface, be sure the coating will adhere by performing an adhesion test (ASTM D-903). Coating may be applied by brush, roller, or airless spray equipment (see Spray Application Guide). ALWAYS CHECK THE WEATHER PRIOR TO ANY APPLICATION. Depending on the ambient, and substrate temperatures, relative humidity, and dew point, take extra time and caution when applying the coating within 2 to 6 hours of precipitation and/or when raw or freezing temperatures are experienced or anticipated. Do not apply over wet insulation or related materials. It is not recommended to apply SurePro Plus when substrate temperatures are over 120°F (48.89°C).

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DIRECTION OF USE

Application continued

Take extra precautionary measures when doing so. In areas where the roof is subject to foot traffic, it is recommended to apply walkway pads for added protection and slip resistance. SurePro Plus can be extremely slippery, especially when wet. As an option, consider Ghemco SurePro Plus Accelerator for faster cure times.

SPRAY APPLIED: See Ghemco Spray Application Guide. Spray application is not recommended below 50°F (10°C).

LIMITATIONS: To avoid pinholes and/or blisters, apply SurePro Plus at an application rate of/no more than 3.5 gallons/100 sq. ft. @ 56 wet mils (13.25 liters/9.29 m² @ 1422µm). If applied at an application rate higher than 3.5 gallons/100 sq. ft. @ 56 wet mils (13.25 liters/9.29 m² @ 1422µm), SurePro Plus Accelerator may be used to avoid pinholes and/or blisters.

IN THE KNOW: Recoat time for SurePro Plus depends on environmental conditions and cleanliness of substrate. If applying after 48 hours, an adhesion test is recommended (ASTM-D903).

To alleviate the smell of SurePro Plus from entering the building, use Ghemco Black Carbon Filter. It can be installed over HVAC systems. Consult with your Ghemco Representative for more information.

Storage and Handling

Keep containers stored in a cool, dry place away from heat, sparks, open flame, excessive heat, and moisture. Keep material stored above 65°F (18°C). Open containers should be blanketed with dry nitrogen before resealing. Avoid storing the pails or drums on concrete floors. Use of wood pallet is recommended.

SAFETY & PRECAUTIONS

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, or other ignition sources at locations distant from the material handling point. Never use a welding or a cutting torch on or near the drum. In case of fire, use CO₂, steam, dry chemicals, or water fog.

Review the Safety Data Sheets (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

TECHNICAL DATA

Coverage Rate	1 gal/100 sqft / 0.41 l/sqm
Tensile Strength	300psi / 2.07MPa
Tensile Elongation	250 ± 15%
Tear Resistance	45pli / 7.88kN/m
Hardness	45 - 55% Shore A
Specific Gravity	1.31
Total Solids, by Weight	94 ± 2%
Total Solids, by Volume	94 ± 2%
Viscosity at 75°F	8,000 - 12,000 cps
VOC	0.33 lb/gal / 40 gm/liters
Wet Film Thickness, per Coat	22.56 mils / 609 microns
Color	White, Tan, Grey (Custom colors available, please ask a Ghemco Representative)
Packaging	5 gallon pail (18.9 liters) / 55 gallon drum, net 50 gallons (189 liters)

* This information is intended only as a guide for design purposes. The values shown are the average values obtained from sprayed laboratory samples. The test methods were performed per the ASTM Book of Standards. Higher or lower temperature & humidity conditions will affect dry time. The information contained herein is for purposes of identifying the product and does not constitute a warranty that the product will conform to that description. Product specifications and performance will vary depending on application methodologies, raw materials and other factors.

Please read all information in the general guidelines, technical data sheets, application guide, and safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Ghemco Representative or visit our website for current technical data and instructions. **DISCLAIMER:** All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Ghemco makes no claim that these tests or any other tests, accurately represent all environments.