

► SurePro Premier

SILICONE / URETHANE HYBRID

► The Brand
You can Trust!

Ghemco SurePro Premier is a unique solvent free, single component silicone/urethane hybrid formulation. SurePro Premier is an elastomer that combines the benefits of a urethane coating and the protections associated with silicone coatings. It provides superior weatherproofing and UV resistance over a variety of roof substrates. The unique features of SurePro Premier are its high solids content, rapid cure, and physical properties. If needed, SurePro Premier may be re-coated anytime with any conventional coating. Additionally, SurePro Premier can withstand light rain after 15 minutes following application, and can be applied on damp (not wet) substrates. It is designed as a single-coat application which saves time and labor.

FEATURES & BENEFITS

- Solvent free & Non-flammable
- Breathable
- 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 -40°F to 200°F (4°C to 93°C)
- No checking / cracking after 5,000 hours*
- Can be applied on damp (not wet) surfaces
- SurePro Premier Accelerator available for faster cure times
- Re-coatable
- Resists chemical attacks

DIRECTION OF USE

Typical Uses

Ghemco SurePro Premier 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 Premier when substrate temperatures are over 120°F (48.89°C), or under 40°F (5°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 or aggregate onto the coating for added protection and slip resistance. SurePro Premier can be extremely slippery, especially when wet. As an option, consider Ghemco SurePro Premier 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 Premier at an application rate of/no less than 1.5 gallons per 100 sq. ft. @ 24 wet mils (.60 liters/m² @ 61µm). Not suitable with low energy plastics such as PE, PP, and PTFE. EPMDM membranes require an adhesion test (ASTM D-903).

IN THE KNOW: Re-coat time for SurePro Premier depends on environmental conditions and cleanliness of substrate. If applying after 48 hours, an adhesion test is recommended (ASTM D-903).

To alleviate the smell of SurePro Premier 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. Shelf life is 12 months.

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

PHYSICAL PROPERTY	TEST METHOD	TYPICAL VALUE	CONCLUSION
Solids by Volume	ASTM D2697	93.70%	PASS
Solids by Weight	ASTM D2697	96.90%	PASS
Viscosity	ASTM D2196	11,000 cPs	PASS
Low Temperature Flexibility @ -26C (around ½" mandrel)	ASTM D522	Pass	PASS
Initial Tensile Strength and	ASTM D2370	219.8 psi	PASS
Percent Elongation (break) @ 23C	ASTM D2370	206.00%	PASS
Tear Resistance	ASTM D624	22.8 lbf/in	PASS
Initial Tensile Strength and	ASTM D2370	272.6 psi	PASS
Percent Elongation (break) @ -18C		317.60%	PASS
Adhesion to SPF	D903	2.2 pli	PASS
Adhesion to Galvanized Steel	D903	2.9 pli	PASS
**Permeance per ASTM (Procedure B water inverted)	E96/E96M	2.0	PASS
**Accelerated Weathering 5000 hrs. (No checking or cracking and maintain at least 50% of initial elongation)	ASTM D4798	Pass	PASS
**Final Percent Elongation (break) @ 23C (after 5000 hrs Accelerated Weathering)	ASTM D2370	201.00%	PASS
**Final Percent Elongation (break) @ -18C (after 5000 hrs Accelerated Weathering)	ASTM D2370	295.00%	PASS
Weight per Gallon	ASTM< D2697	11.7 lbs/gal	NA

* 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.