IMPERGUARD
Waterproofing solutions

IG8000
100% SILICONE SEALANT FOR FLAT ROOFS

PRODUCT DESCRIPTION
The IG8000 is a weatherproof, breathable, and durable single-part roof coating. It can be applied over spray-applied polyurethane foam, EPDM rubber, PVC, aged acrylic coatings, concrete, BUR asphalt, granulated modified bitumen, metal roofs, and masonry walls. It offers excellent adhesion without primer to many surfaces (tested in accordance with ASTM D6694).

COMPONENTS
The IG8000 is 100% silicone (high solid content).

APPLICATION
- Clean with the IG0115 (EPDM rubber roofs may need to be cleaned twice) and rinse thoroughly.
- Mix mechanically and use without diluting (1.5 gal/100 sq. ft.). If a second coat is necessary, apply it in multiple directions within 48 hours of the first coat for best results.
- Roof temperature should be at least 40°F (5°C) during application.
- Application without primer allowed on some substrates (adhesion tests required for compliance with ASTM D6694 standard).
- BUR asphalt, granulated modified bitumen, and smooth modified bitumen roofs may require IG1015 as an asphalt bleeding agent.
- The IG8000 can be applied on TPO roofing with IG8015 TPO primer.

CLEANING
Use mineral spirits to clean the tools. (Take precautions when handling combustible materials.)

STORAGE
Store between 41°F (5°C) and 95°F (35°C). Protect from frost. Avoid direct sun exposure. (High temperatures and humidity during storage may shorten shelf life.)

SHELF LIFE
Two years from the date of manufacture

CAUTIONS
- For professional use only.
- This product cures through absorption of moisture from both the substrate and the air. Avoid introducing air while mixing. Cure time will be faster in humid environments and on substrates that hold moisture (e.g., concrete). Open and partially filled containers will quickly form a skin; if this occurs, remove the skin and continue using the remaining product.
- Surface to be coated must be dry and free of dirt or corrosion particles. On metal substrates where rust is present, after removing all loose material, the IG1019 should be applied to the rusty area prior to application of IG8000 or IG8500.
- Drains, flashings, stagnant water areas, terminations, edges, etc., should be sealed with the IG8500 or another reinforcement.
- Discoloration of IG8000 coating is expected when applied without primer to asphalt surfaces.
- The IG8000 is not recommended on aluminum coated roofs.
- Avoid prolonged contact with skin or vapors.
- Do not ingest. If swallowed, do not induce vomiting and contact medical personnel immediately. Emergency phone numbers: Canada: 1-844-764-7669, Quebec: 1-800-463-5060.
- Read the safety data sheet (SDS) before use.

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SPECIFICATIONS

Color: white, gray, tan, and custom colors on special orders

PROPERTY	TEST METHOD	VALUE
Viscosity - high shear	ASTM D2196	5,000 CPS
Solids by weight	ASTM D1644	98%
Solids by volume	ASTM D2697	97%
Weight per gallon	ASTM D1147	11.2 lb.
Wet film per gallon	ASTM D4414	16 mil
Dry film per gallon	SSPC-PA 2	15.5 mil
Tensile strength	ASTM D2370	478 psi
Elongation	ASTM D2370	235%
Tear strength	ASTM D624	29 lbf/in.
Permeance	ASTM E96	8.7 perms
Initial reflectivity	ASTM C1549	0.84
Reflectivity - aged	ASTM D1549	0.71
Emissivity	ASTM C1371	0.91
SRI (solar reflectance index)	ASTM E1980	106
Flash point	ASTM D56	N/A
VOCs	EPA 24	< 25 g/L
Pail size	–	1 and 5 gal

LIMITED WARRANTY

To the extent allowed by local law, except as set forth below, the seller makes no warranty of merchantability or fitness for any particular purpose. There are no other express or implied warranties beyond the terms set forth herein. The seller warrants that this product is free from defects in material or workmanship under normal use for one year from the date of purchase. This warranty does not cover defects or failures caused by misuse or incorrect application.

LIMITATION OF LIABILITY

In the event of a defect, the buyer's sole remedy shall be a refund of the purchase price or replacement of the defective material at the seller's option. The seller shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort (including negligence), or any other legal theory.

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