IMPER GUARD
Waterproofing solutions

IG8000
100% SILICONE COATING

PRODUCT DESCRIPTION
The IG8000 is a single-component, 100% silicone roof coating that is watertight, breathable and durable. It resists ponding water without softening. It can be applied over spray-applied polyurethane foam, EPDM, aged PVC, aged acrylic coatings, concrete, asphalt BUR, granulated modified bitumen and metal roofs, and offers excellent primerless adhesion on many surfaces (tested in accordance with ASTM D6694).

COMPOSITION
100% silicone binder, manufactured from durable inorganic silicone resins, reinforcing fillers, reflective pigments and silane adhesion promoters. High solids content (97%).

APPLICATION
- Clean surfaces with IG0115 (1 gal diluted/100 sq. ft.; twice for EPDM) and rinse thoroughly.
- Prime as needed: IG1015 as an asphalt bleed blocker (1.5 gal/100 sq. ft. on granulated modified bitumen) and to increase adhesion on aged PVC only.
- Seal all drains, flashings, terminations, curbs and ponding water areas with IG8500.
- Apply IG8000 straight from the container (no thinning) after mechanical mixing. A second coat, applied in a multi-directional fashion within 48 hours, may be necessary.
- Roof temperature must be at least 5 °C (41 °F) and rising during application.
- Primerless application is allowed on some substrates (adhesion test results meeting ASTM D6694 required); discoloration is expected when applied without primer over asphalt.
- TPO roofs: apply with a special TPO primer.
- This product cures by absorbing moisture from the air. Avoid entraining air when mixing. Open and partially full containers will skin over quickly; remove the skin and continue using the remaining product.

SUBSTRATE COMPATIBILITY
- Compatible: spray-applied polyurethane foam, EPDM, concrete, asphalt BUR, SBS modified bitumen (granulated and smooth), aged acrylic, metal.
- With primer: TPO (special TPO primer); aged PVC (IG1015 for adhesion).
- Not recommended over a roof already finished with an aluminum coating (e.g., IG0637 coating).

APPLICATION RATES
- Granulated SBS modified bitumen (target substrate) – 10 years: 2.0 gal/100 sq. ft. (30.5 dry mils); 15 years: 2.5 gal/100 sq. ft. (38.1 mils); 20 years: 3.0 gal/100 sq. ft. (45.7 mils).
- Smooth substrates: 1.5 / 2.0 / 2.5 gal/100 sq. ft. (10 / 15 / 20-year systems).
- Metal: smooth-substrate rate plus approximately 15% for rib height.
- Perform a test patch (surface profiles vary widely on modified bitumen) and refer to the Imper Guard guide specification.
- The 10-, 15- and 20-year systems correspond to the manufacturer's system warranty (separate certificate), distinct from the product's limited warranty (overleaf).

CLEAN UP
Clean tools and equipment with mineral spirits. Take necessary precautions when handling combustible materials.

STORAGE
Store between 5 °C and 35 °C (41 °F–95 °F). Keep from freezing. Keep out of direct sunlight. Do not heat or thin. (High temperatures and humidity during storage may shorten shelf life.)

SHELF LIFE
Three years from the date of manufacture.

CAUTIONS
- For professional use only. For exterior use only; do not use indoors.
- Avoid prolonged contact with skin or inhalation of fumes.
- Do not ingest. If swallowed, do not induce vomiting and contact a health professional immediately. Poison Centre – Canada: 1-844-764-7669; Québec: 1-800-463-5060.
- In case of a spill, contact CANUTEC: 1-888-226-8832 (or *666 on a cell phone).
- Consult the Safety Data Sheet (SDS) and WHMIS label before use.

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SPECIFICATIONS

Color: white and gray · values based on white (± 5%)

PROPERTY	TEST METHOD	VALUE
Viscosity (high shear)	ASTM D2196	5,000 cP
Solids by weight	ASTM D1644	97%
Solids by volume	ASTM D2697	95%
Weight per gallon	ASTM D1475	10.5 lb
Dry film per gallon (at 100 sq. ft.)	SSPC-PA 2	15.2 mils
Tensile strength	ASTM D2370	200 psi
Elongation	ASTM D2370	250%
Tear strength	ASTM D624	> 20 lbf/in
Permeance	ASTM E96	5.7 perms
Solar reflectance (initial)	ASTM C1549	0.84
Solar reflectance (aged)	ASTM C1549	0.71
Emissivity	ASTM C1371	0.91
SRI (solar reflectance index)	ASTM E1980	106
Flash point	ASTM D56	140 °F (60 °C)
VOC	EPA 24	< 50 g/L
Wind driven rain	TT-C-55B	Pass
Fungal resistance	ASTM D3274	No Growth
Container sizes	–	1 & 5 gal

LIMITED WARRANTY

To the extent permitted by local law, except as set forth below, the seller makes no warranty of merchantability or fitness for a particular purpose with respect to the goods sold herein. No other warranty, express or implied, is granted beyond the terms set forth in this document. The seller warrants that this product is free of material or manufacturing defects under normal use for one year from the date of purchase. This warranty does not cover defects or failures resulting from 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. Under no circumstances shall the seller 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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