



MOMENTIVE
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The science behind the solutions.

Silicone Glass Coating

PRODUCT DESCRIPTION

GE SilShield* is a liquid silicone coating that cures to a tack-free flexible rubber. Typical of silicone materials, this product provides excellent resistance to extremes of heat, cold and moisture and attains strong adhesive bonds to: glass, ceramics, metals, glass and numerous plastics.

TYPICAL USES

- SilShield* is useful as a glass coating for spandrel areas where an aesthetic change is desired.

ADVANTAGES

- Silicone durability: will never fade, chalk or crack, stays flexible even under freezing temperatures.
- Easy to apply using common spray equipment or hand or power rollers
- Excellent flowability (even cold); allowing for a smooth, neat application
- Fast cure with virtually no odor
- Compatible with many common sealants, glazing tapes and accessories



TECHNICAL DATA

Colors	Unlimited
Solids Content	83% by weight
Density	10.5 Lbs/gal.
Tack Free Time	30 mins; Cure 1 hour
Viscosity	9000 centipoises
Tensile Strength	200psi (ASTM D412)
Elongation	400% (ASTM D412)
Fallout Resistance	GTA 89-1-6 Complies
Durability	5000 hours, Excellent*

* No cracking, peeling, chalking, flaking or adhesion release when tested after 5000 hours in QUV device per *ASTM G154 Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials*

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We are helping customers solve product, process, and performance problems; our silanes, fluids, elastomers, sealants, resins, adhesives, urethane additives, and other specialty products are delivering innovation in everything from car engines to biomedical

devices. From helping to develop safer tires and keeping electronics cooler, to improving the feel of lipstick and ensuring the reliability of adhesives, our technologies and enabling solutions are at the frontline of innovation.



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INSTALLATION

Surfaces to receive SilShield* must be clean, dry and free of dirt, dust, rust, oil, frost, mildew, and other contaminants which could interfere with adhesion. Surfaces should be cleaned with an appropriate solvent. IPA is recommended.

SilShield* can be spray applied with common pumping equipment or roll applied using hand or power rollers to a recommended DFT = 250 microns +/- 50. Typical coating coverage = 0,5 kg/m² (in 2 applications). SSG applications must be edge deleted.



PACKAGING

- Steel pail containing approx. 5.2 gal. (19.7 L) net. Steel drum containing 52 gal. (197 L) net

CLEAN-UP:

Remove excess product with mineral spirits.

TECHNICAL SERVICES

Additional technical information and literature may be available from Momentive Performance Materials.

BMO project, Canada utilized two blues and brilliant white SilShield* to create a visually pleasing facade



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