# #32-905 Gloss Cure & Seal

**DESCRIPTION**
Gloss Cure & Seal is a styrene acrylate copolymer, membrane forming curing and sealing compound for concrete. It produces a medium gloss, clear, continuous film which effectively cures fresh concrete and protects concrete surfaces from intrusion of water, water borne contaminants and dirt.

**USES**
• Use on fresh concrete, interior or exterior concrete to cure the concrete. Curing minimizes crazing and shrinkage cracks. Gloss Cure & Seal holds moisture in the fresh concrete more effectively than regularly curing compounds to help the cement to fully hydrate. This process helps to maximize the strength and durability of the concrete.
• Use to seal interior or exterior hardened concrete. When applied as a sealer, Gloss Cure & Seal protects the concrete from water, deicers, salts and other mild chemicals. Gloss Cure & Seal develops a clear, durable acrylic film which tenaciously bonds to the concrete surface.
• Gloss Cure & Seal prevents concrete from dusting and simplifies the cleaning process by preventing dirt from penetrating the concrete.

**ADVANTAGES**
• Allows concrete surface to develop full design strength by promoting complete hydration of cement
• Increases the abrasion resistance of concrete
• Protects concrete from deicers, salts and other mild chemicals
• Reduces maintenance costs. Surfaces are easier to clean
• Compatible with most adhesives for resilient carpet and tile

**APPLICABLE STANDARDS**
• ASTM C-1315, Type I & II, Class A, Standard Specification for Liquid Membrane-Forming Compounds for Curing and Sealing Concrete
• ASTM C-309, Type I, ID & II, Class A & B, Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
• AASHTO M-148, Type 1 & 1D, Class A & B
• Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59

**TECHNICAL DATA**
Drying Time @ 70°F (21°C) with 50% R.H.

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| Dry to Touch | 1 hour |
| Light Traffic | 8 hours |
| Heavy Traffic | 12 hours |
| Solids: | 25% |
| V.O.C. content: | 680 gm/L |
| Flash Point: | 105° F (40°C) |

**ESTIMATING GUIDE**
Coverage rates vary with the condition of the concrete surface.

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| Curing | 300 $Ft.^2$/gal | 7 $M^2$/L |
| Sealing | 300 $Ft.^2$/gal | 7 $M^2$/L |
| Optional second coat | 400 $Ft.^2$/gal | 10 $M^2$/L |

**PACKAGING**
Gloss Cure & Seal is packaged in 5 gallon (18.9 L) pails shipped 36 on a pallet.

**MIXING**: Do not dilute. Gloss Cure & Seal is packaged ready to use and only requires stirring or agitation prior to use.

**APPLICATION:**
Apply Gloss Cure & Seal with a short nap, solvent resistant roller; a low pressure, solvent resistant airless sprayer equipped with a fan nozzle (minimum orifice of .030-.032); or a hand-pressurized sprayer with a "Cats Eye" nozzle (minimum orifice of .010-.012). The optimum spray pattern is an 8-12 inch fan. Hold sprayer tip 6-8 inches from the surface of the concrete. Apply uniformly leaving no pinholes or gaps. Do not allow the material to puddles. When using a hand-pressurized sprayer it is important to maintain as high an air pressure as possible to aid in spraying.

**CURING:** When applying Gloss Cure & Seal to fresh concrete, apply after all bleed water has dissipated and application will not mar surface. An optional second coat should be applied at right angles to first coat. A second coat will enhance the surface gloss and provide additional protection from deicing chemicals, oils and greases.

**FORMED CONCRETE WALLS:** If walls are not to receive further treatment, apply immediately after stripping forms or following rubbing operations.

**OLDER CONCRETE:** Clean thoroughly with detergent and high pressure water, removing any dirt, dust, curing or sealing membranes, paints, oil, grease or other contaminants that may prevent adhesion of the Gloss Cure & Seal.

**DRYING TIME:** Gloss Cure & Seal normally dries in 1 hour at 70°F (21°C). Surfaces may be opened to foot traffic in 8 hours and vehicular traffic in 12 hours. Extremely low temperatures or high relative humidity may slow drying process.

**CLEANUP**
Tools and equipment used in applying Gloss Cure & Seal should be cleaned with xylene.

**STORAGE**
Store tightly closed containers away from direct sunlight and sources of heat or flame. Shelf life is two years from date of manufacture.

**COMBUSTIBLE LIQUID:** Keep away from heat or open flame. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Keep out of reach of children.

**LIMITATIONS**
• Although Gloss Cure & Seal is compatible with most resilient floor covering adhesives, it is not for use on surfaces to receive concrete overlays or other such toppings. Consult Bon Tool Technical Service department for compatibility with other surface treatments.
• Do not use as a bond breaker for tilt wall construction.
• Do not apply Gloss Cure & Seal to floors subjected to spills of gasoline or other solvent spills. Solvent spills must be cleaned quickly to prevent softening of the membrane.
• When used on interior surfaces, provide adequate ventilation until Gloss Cure & Seal has dried completely. Gloss Cure & Seal is recommended as an alternative on interior concrete.
• Do not use if material is below 70°F (21°C). At colder temperature the material becomes more viscous and therefore significantly more difficult to spray. Warming product prior to application improves its sprayability.
• Applying material when it is cold may cause formation of bubbles due to entrapped air migrating upward from the concrete pores.
• Quality curing or sealing compounds may darken or highlight the subtle color variations naturally present in concrete. When the difference in shading caused by absorptive deviation or finishing techniques is objectionable, consult Bon Tool Co. technical staff prior to concrete placement for recommendations.
• Continuous or long term exposure to ultra violet light will cause the film to yellow. If yellowing must be prevented, use Boss Gloss High Gloss Cure & Seal as an alternative to Gloss Cure & Seal.

All label precautions and the MSDS must be fully understood before using this product. Make certain that the most current versions of the product data sheet and MSDS are being used. Proper application is the responsibility of the user. Bon Tool Co. can only make technical recommendations and cannot provide quality control on the jobsite.