



#32-908 "Boss Gloss" Water Based Cure & Seal

DESCRIPTION

Boss Gloss Water Based Cure & Seal is a high solids, water-based, non yellowing, acrylic concrete curing and sealing compound. This state-of-the-art proprietary formulation forms a tough acrylic film to effectively cure fresh concrete and protect older concrete. Boss Gloss Water Based Cure & Seal creates a medium gloss membrane which remains clear throughout its service life.

USES

- Interior concrete where a curing compound that meets ASTM C1315 standards is desired, but where the fumes from a solvent based product would be objectionable
- Exterior concrete curing where a non-yellowing formulation is preferred and water-based clean-up is desired
- Enhance the color and provide a uniform appearance of dry shake hardened floors, integral colored concrete and acid stained concrete while curing and sealing the surface
- Seal and dustproof older interior or exterior concrete

ADVANTAGES

- Boss Gloss Water Based Cure & Seal is a truly 'green' product. Its very low level of VOC emissions complies with the most stringent requirements. As a result, Boss Gloss Water Based Cure & Seal can be used to cure or seal concrete anywhere in North America.
- Protects concrete surfaces against deicing chemicals, fertilizers, salts, grease, oil, alkalies, mild acids and detergents.
- Minimizes spalling due to freeze-thaw cycle exposure, hair line checking, premature cracking, dusting and other common defects which result from improperly cured concrete.
- May be applied over existing water and solvent based sealers. Conduct a small test patch to ensure compatibility.
- Seals out most construction dirt and stains, and prevents mortar, plaster and concrete droppings from bonding to concrete surfaces
- Tinted Boss Gloss Water Based Cure & Seal may be used to cure or seal rough finished colored concrete and aids in hiding finishing imperfections or variations in color.

TECHNICAL DATA

- ASTM C-1315, Type I & II, Class A, Standard Specification For Liquid Membrane-Forming Compounds for Curing and Sealing Concrete
- ASTM C-309, Types I or II, Class A and B, Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete
- AASHTO M-148, Type 1 & 1D, Class A & B
- Complies with the VOC requirements of the South Coast Air Quality Management District (SCAQMD).
- V.O.C. Content <100 gm/L
- USDA approved, when cured, for incidental contact
- Solids 25% minimum
- Moisture retention (ASTM C-156) 0.035 gms/cm2
- Moisture vapor transmission (ASTM D1653) < 0.5 mgs/cm² per mm in 24 hours
- Flash point None
- Drying time @70°F (21°C) and 50% relative humidity

Hard film	2 hours
Light foot traffic	8 hours
Maximum hardness	7 days

PACKAGING

Boss Gloss Water Based Cure & Seal is available in 5 U.S. gallon (18.9 liter) plastic pails.

ESTIMATING GUIDE

Coverage is dependent upon surface texture and porosity
 Curing 300 - 400 Ft²/ga 17-10 M²/L

Sealing, hardening and dustproofing
 First coat 300 - 400 Ft²/gal 7-10 M²/L
 Second coat 400 - 600 Ft²/gal 7-15 M²/L

DIRECTIONS

Mixing: Do not dilute. Boss Gloss Water Based Cure & Seal is packaged ready to use and only requires mild stirring or agitation prior to use.

Application: Use a short nap roller or a low pressure, solvent resistant airless sprayer equipped with a fan nozzle. Hold sprayer tip 6-8 inches (15-20 cm) from the surface of the concrete. Apply uniformly leaving no pinholes or gaps.

Curing: Apply Boss Gloss Water Based Cure & Seal after all bleed water has dissipated and application will not mar surface. The optional second coat should be applied at right angles to first coat enhancing moisture retention while providing 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 after rubbing procedures at a rate of 450 Ft²/gal (11 M²/L).

In-place Concrete: Clean thoroughly with detergent and high pressure water removing any dirt, dust, curing or sealing membranes, paints, oil, grease or other contaminants that prevent adhesion.

Maintenance: Surfaces previously sealed with Boss Gloss Water Based Cure & Seal should be cleaned and resealed every 3-5 years, depending on exposure and traffic.

CLEANUP

Before material dries and hardens, clean tools and equipment with warm water and detergent.

STORAGE

Do not allow to freeze. Store tightly sealed containers in cool, dry area. Shelf life is two years from date of manufacture.

LIMITATIONS

- Boss Gloss Water Based Cure & Seal should not be used on surfaces to receive concrete overlays or toppings. Consult Bon Tool Co. for compatibility of other surface treatments. Always test for compatibility, penetration and adhesion.
- Do not use as a bond breaker for tilt wall construction or on surfaces requiring rubbing.
- Do not apply Boss Gloss Water Base Cure & Seal to joints or channels scheduled to receive elastomeric caulks.
- Boss Gloss Water Based Cure & Seal is a film forming sealer which will wear over time.
- Do not use if ambient or surface temperature is below 50°F (10°C). For best results, condition material to at least 60°F (16°C) prior to application.
- Clear curing and 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® technical staff prior to concrete placement for recommendations.

CAUTION

May cause skin and eye irritation. Do not take internally. Keep away from reach of children.

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.

