



# STAMPGUARD

## HIGH GLOSS CURE AND SEAL FOR STAMPED CONCRETE

**PRODUCT DESCRIPTION:** *Specco StampGuard* is a clear acrylic copolymer, solvent-based, curing, sealing, and hardening compound for decorative “texture stamped” concrete or thinsset stamped overlayers. *StampGuard* will form an impervious film that is resistant to the alkali present in cement and will retain moisture for freshly placed concrete ensuring proper strength development. *StampGuard* provides a protective seal on the surface that is resistant to mild acid, alkali, and salt attack, and will not support mold growth. *StampGuard* will increase the stain resistance of the concrete and allow easier cleaning, maintenance, and extended wear. *StampGuard* is also ideal for use on “dry shake” colored concrete, acid stained concrete, as well as decorative precast concrete such as table or counter tops.

### BENEFITS:

- Provides high gloss “wet look” sheen
- Highlights and enhances the concrete color tones
- Hardens new concrete by providing proper cure
- Provides “anti-spall” protection against salt attack
- Non-yellowing formula designed for maximum resistance against sun degradation
- Durable film with excellent gloss retention

**LEED CREDIT CONSIDERATIONS:** Materials and Resources: **MR Credits 5.2:** Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, Illinois 60901. (100% Content- Harvested within 500 miles.

PHYSICAL/ WORKING DATA:	APPROXIMATE VALUES:
Composition:	Acrylic copolymer in hydrocarbon base
Solids:	28.25 +/-0.25%
Weight/gallon:	7.80 lb./gal. +/- 0.10
Flashpoint:	105 degrees F (estimated)
Drying time between coats:	2-3 hours
Light foot traffic / Vehicle traffic:	* Suggested at 5-6 hours / 48-72 hours
V.O.C. levels:	5.62 lbs. /gal. (674 g/L)

\*Drying time assuming 65°–85° F (18°–29° C) at 50% relative humidity. Low concrete or air temperature and/or high relative humidity will extend dry times.

**SPECIFICATIONS/COMPLIANCES:** *Specco StampGuard* is formulated to comply with: ASTM C-309, Type I, ASTM C-1315, Type I, Class A, and ASTM C-156-71. Contains less than 700 g/L (5.80 lbs. /gal.) volatile organic compounds. This product meets the Architectural Coatings requirements in accordance with EPA 40 CFR Part 59 Table 1 Subpart D for Concrete Curing and Sealing Compounds with a maximum V.O.C. Content of 5.83 lb. / gal. (700 g/L). Does not comply with the O.T.C. states reduced (350 g/L) compliance requirement, thereby excluding California, Connecticut, Delaware, District of Columbia, Illinois, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Virginia.

**DIRECTIONS: SURFACE PREPARATION:** If antique release powders are used on the newly stamped concrete or overlayment, the surfaces typically should be allowed to dry out during the first day since the excess powder will have to be water rinsed off the following day for desired appearance. If a clear or pigmented release liquid is used as a stamping option, the surface is typically still water rinsed the next day for uniformity. Pressure washers are typically more effective than garden hoses to remove excess release pigments in this step. The cleanly rinsed surfaces should then be allowed to cure out for a minimum of 12 hours before sealing with *StampGuard* to prevent blushing of the sealer film (clouding or whitening) (**See Cautions**). This is important especially on darker colored overlays, which seem to be more prone to the film blushing since they will absorb more heat from the sun, which then pulls moisture to the surface. If shorter time constraints are required, the surfaces can be sealed earlier than 12 hours, however the chance of blushing can increase significantly.

**SEALING:** *StampGuard* requires no pre-blending or mixing. Apply to concrete by sprayer, short nap (solvent resistant) roller, or lamb’s wool applicator. Hand-held “pump” sprayers should be of chemical resistant design so they will not be damaged from the solvent in the *StampGuard*. First, apply an initial light mist coat (very thin) with the sprayer to help break the surface tension and allow even absorption of the *StampGuard* into the concrete. Avoid puddling or excess application thickness which can lead to a mottling (uneven sealer absorption) or “out gassing” (bubbling of sealer in the stamped recessed joints) (**See Cautions**). After the first coat has dried (typically in 3-4 hours at ambient conditions), a second application can be made to provide both a more positive, uniform seal as well as a higher degree of gloss. Take care to spray in even, uniform patterns, avoiding sprayer drip marks and overspray to surrounding vegetation or windows.



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**RESEALING:** *StampGuard* should typically last anywhere from 2-3 years before a reseal is necessary. This time will vary and depends on the amount of weathering, abrasion, and traffic that the concrete was subject to. Although the sealer will remain bonded for this time period, the length of gloss retention (sheen) is typically somewhat shorter (6 to 18 months) and the sealer should be reapplied if this effect is desired. Areas exposed to full sun will lose the sheen faster than shaded areas over equal periods of time.

**COVERAGE:** After application, *StampGuard* dries to a clear, high gloss film. For best appearance and performance, apply uniformly and at recommended coverage rates below, listed in square feet per gallon / (m<sup>2</sup> / liter).

Application:	First Coat*	Optional Second Coat*
Curing and Sealing (Newly) stamped concrete	250-300 / (6.2-7.4)	300-350 / (7.4-8.6)
Sealing existing (Old) stamped concrete	350-400 / (8.6-9.8)	350-400 / (8.6-9.8)

\*Coverage rates will vary from the above rates depending on surface porosity and stamping technique.

**LIMITATIONS:** A test area is always recommended to determine product suitability before use when final appearance is critical. *Specco StampGuard* will darken existing concrete surfaces, and dries to a clear, high gloss type finish that will not yellow or oxidize from sun (U.V.) exposure. If residual solvent odor is objectionable during application (such as for interior pours that are currently occupied), the use of a water-based, low odor product, such as *Specco EnviroSheen*, may be preferred. Acid stained surfaces should always be neutralized with an alkaline rinse, and then well rinsed and allowed to dry before using any Specco sealers, solvent or water based. Efflorescence -Some overly absorbent substrates may wick moisture or water from the ground, causing efflorescence or free salt minerals to deposit under or over the acrylic film, thus causing surface discoloration or whitening. The use of *Specco Enviro Clean & Etch C-30* cleaner is recommended for removal of surface efflorescence. Blushing -Another moisture related problem that can leave sealed concrete looking cloudy is due to trapped water vapor in the film. *Specco B-41 Re-Solve* surface treatment solvent can be used to remedy blushing and also remove the sealer if efflorescence is trapped underneath the film, as well as knock down "out gassing" bubbles that can occur in heavy applications in the stamped joints. Do not add any additional release powders or liquids to the *StampGuard* as they may cause bonding issues upon curing. *StampGuard* is considered a light duty "thermoplastic" resin based sealer that can soften when exposed to high heat, and therefore may exhibit tire markings or rubber transfer when subjected to forklift or other wheeled traffic.

**CAUTIONS:** Read all technical information including label, SDS and data sheets before use. Do not apply *Specco StampGuard* over dusty, painted, frozen or hot surfaces, or if rain is expected within 12 hours. Do not apply when concrete surfaces are below 40° F (4° C) or above 90° F (32° C). *StampGuard* will not freeze but should be warmed to 50° F (25° C) before use. When applied as an interior sealer, there should be no building occupancy prior to the removal of the vapors with a positive ventilation system.

#### GHS HAZARD RATINGS: DANGER:



Irritant: Respiratory Tract Irritation.



Health Hazard: Reproductive Toxicity



Health Hazard: Flammable Liquid



Health Hazard: Toxic to aquatic life

**FIRST AID:** Refer to product S.D.S. (Safety Data Sheet) for complete health and safety information before using this product. FOR MEDICAL EMERGENCIES ONLY -CALL INFOTRAC @ 800-535-5053.

**WARNINGS & SAFETY INFORMATION:** **CONTAINS FLAMMABLE LIQUID AND VAPORS!** USE ONLY IN WELL-VENTILATED AREAS. Store and apply away from heat, sparks, open flames, water heaters, or any related sources of ignition. Empty containers may contain explosive vapors that are heavier than air. Keep containers closed. Do not cut or weld on or near empty containers. Under all circumstances, avoid the introduction of compressed air into the container. Make sure that the product application is static free. Avoid breathing vapors. Wear protective clothing and safety glasses during application. Use with adequate ventilation. Use with OSHA/NIOSH approved eye protection and air (vapor) respirator. This product may cause damage to the liver or kidneys though prolonged or repeated exposure to the skin. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Keep away from food and drink. Wash hands thoroughly after use and before eating. Do not take internally. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

H.M.I.S. CODES (Hazardous Materials Identification System): HEALTH = 2, FLAMMABILITY = 3, REACTIVITY = 0, PERS. PROT = G.

**SHIPPING NAME:** Mixture; Xylene, CAS# 1330-20-7, Ethylbenzene CAS#100-41-4- / regulated by D.O.T.



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**SHIPPING CLASS:** UN 1866, Resin Solution, FLAMMABLE LIQUID, HC 3, PGIII  
ITEM 44500, SUB 2, FREIGHT CLASS 85 – Flammable Liquids, NOI

**PACKAGING:** 1, 5 & 55 gallon containers

**STORAGE/SHELF LIFE:** 40°to 90° F / 3 years- properly stored

**WARRANTY:** Specco Industries Inc (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its representatives, in writing or orally, shall alter this warranty. **SPECCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.** Specco does not authorize anyone on its behalf to make any written or oral statements which in any way alter Specco's installation information or instructions in its product literature or on its packaging labels. **Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by or through Specco. Specco has no control over Specco application standards adherence, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any Specco products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of Specco's products for the Buyer's intended purposes.**

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