

STAMPSHEEN 350

HIGH GLOSS SEALING COMPOUND FOR STAMPED CONCRETE

PRODUCT DESCRIPTION: *Specco Stampsheen 350* is a clear acrylic copolymer, solvent-based, sealing, and hardening compound for decorative “texture stamped” concrete or thin-set stamped overlays. *Stampsheen 350* will form an impervious film that is resistant to the alkali present in fresh cement, and will retain moisture for freshly placed concrete ensuring proper strength development. *Stampsheen 350* will penetrate the substrate and provide a protective seal on the surface that is resistant to mild acid, alkali, and salt attack, and will not support mold growth. *Stampsheen 350* will increase the stain resistance of the concrete and allow easier cleaning, maintenance, and extended wear. *Stampsheen 350* is also ideal for use on “dry shake” colored concrete, stained or dyed concrete, as well as decorative precast concrete such as table or counter tops.

BENEFITS:

- Formulated at reduced V.O.C. levels for use in the O.T.C. region states
- Provides a “wet look” sheen with excellent gloss retention
- Non-yellowing formula designed for maximum resistance against sun degradation
- Highlights and enhances the concrete color tones
- Hardens new concrete by providing proper cure
- Provides “anti-spall” protection against salt attack

COMPOSITION: Acrylic copolymer in a hydrocarbon base

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 / TECHNICAL DATA:	APPROXIMATE VALUES:
Composition:	Acrylic copolymer in VOC compliant hydrocarbon base
Color:	Crystal clear solution
Solids:	25.25(+/-) 0.25%
Weight/gallon:	8.10 lb./gal (+/-) 0.10
Dry to Touch:	20-30 minutes
Hard Film / Recoat: Time:	2 hours
Light Foot Traffic:	4-5 hours
Vehicle Traffic:	10-12 hours
Flashpoint (Tag Closed Cup):	52 °F / 11 °C
V.O.C. levels:	345 g/L (2.87 lbs. /gal.)

*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: Stampsheen 350 contains less than 350 g/L (2.92 lbs. /gal.) volatile organic compounds and meets the Architectural Coatings requirements in accordance with EPA 40 CFR Part 59 Table 1 Subpart D for Concrete Sealers. *Stampsheen 350* complies with most O.T.C. region states, as well as current National AIM reduced (350 g/L) VOC compliance requirements for all states excluding California.

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 surface appearance.

DIRECTIONS: SURFACE PREPARATION (Continued): 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 24 hours before sealing with **Stampsheen 350** to prevent blushing of the sealer film (clouding or whitening) see Cautions. This time period 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 substrate moisture to the surface. If shorter time constraints are required, the surfaces can be sealed earlier than 24 hours, however the chance of blushing can increase accordingly.

APPLICATION: Freshly Stamped Concrete: Preferred application of Stampsheen 350 is by airless spray or hand held (pump up spray) method for optimum uniformity. Hand held sprayers should be of **acetone resistant** design, while common polyethylene (gardening type) **should not be used**. If puddles form or too much sealer is applied in certain areas, note that the sealer film will dry very fast. Therefore, working quickly, immediately back roll any excess material into a thin film using a low (1/4 to 3/8 inch) nap, solvent resistant roller or lambs roller. **Rolling:** If applying **Stampsheen 350** by roller technique only, special precautions should be taken to ensure a uniform, even colored application. Using a short-nap (1/4-3/8 inch) solvent resistant roller, or lamb's wool applicator, apply **Stampsheen 350** in quick rolling technique while maintain a constant wet edge. **Specco B-41 Re-Solve** is highly recommended here as a rolling aid, used in tandem with the **Stampsheen 350** to allow a longer rolling time and to avoid potential surface mottling of the sealer upon drying. **A wet edge must be maintained at all times when rolling, otherwise, an uneven "tiger striping" effect may result.** Do not roll back and forth excessively as this may cause film bubbling. Also note that rolling should be completed quickly, as re-rolling immediately after the film has already begun to dry can cause the roller to become tacky and may result in a "cob-webbing" or stringy effect which can also dry unevenly.

Stampsheen 350 is designed for a **two-coat application for uniform applications**, with the first coat acting as a primer seal coat and the second coat to be applied only after the first coat has dried (typically one hour apart minimum). Always apply two thin coats, with the second coat being applied at a 90 degree angle to the first coat to help minimize any roller application lines from the first coat (if present).

APPLICATION: FOR SEALING EXISTING STAMPED CONCRETE: The surface should first be thoroughly cleaned. Oil and petroleum stains should be removed with a degreaser solution like **Specco Clean & Prep C-20** or **Citrus Solve C-25**. For cleaning and degreasing combination the use of **Concrete Earth's Enviro Clean & Etch C-30** is recommended in combination with a pressure washer. Allow the cleaned surface to dry for a recommended **minimum of 24 hours** to minimize any water entrapment (blushing) under the **Stampsheen 350** film.

COVERAGE: For best appearance and performance, apply uniformly and at recommended coverage rates below, listed in square feet per gallon/ (m² / liter).

Application:	First Coat*	Second Coat*
Curing and Sealing New Concrete	250-300 / (6.2-7.4)	350-400 / (8.6-9.8)
Sealing Existing Concrete	350-400 / (8.6-9.8)	450-500 / (11.0.6-12.2)

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

LIMITATIONS: After application, **Stampsheen 350** will dry to a clear, high gloss film. **A test area is always recommended** to determine product suitability before use, especially on light colored driveways, sidewalks, or patios where appearance is critical. If residual solvent odor is objectionable during the **Stampsheen 350** application, the use of a water-based, low odor product, such as Specco **Envirosheen** or **Uresheen 30**, may be preferred. **Stampsheen 350** will darken or highlight imperfections or aggregate surface colors, possibly resulting in a mottled appearance on the first coat. A second coat application usually corrects this situation. **Stampsheen 350** can be used to seal freshly poured colored concrete or over dry shake hardeners, but film mottling (un-uniformity) may occur due to high levels of hydration water still present in the surface.

LIMITATIONS (Continued): Do not apply *Stampsheen 350* over concrete that will receive epoxy or urethane based coatings, or over existing epoxy-based topcoats. The use of Specco *Envirocure 1315* is recommended for these situations. *Stampsheen 350* is considered a light duty "thermoplastic resin" type sealer that can soften when exposed to heat, and therefore may exhibit tire markings or rubber transfer when subjected to forklift or other wheeled traffic. Do not use *Stampsheen 350* in areas subjected to strong solvents, such as gasoline or brake fluid.

SLIP RESISTANCE: The use of *Spec Grip* anti-slip additive is recommended for increased traction on surface inclines or around consistently wet areas such as deck pool surrounds. Restrict foot traffic for at least 4 hours, 12 hours is preferred.

CAUTIONS: Do not apply if rain is expected within 12 hours of sealing. Do not apply when concrete surfaces are below 40° F (4°C) and dropping or above 90° F (31°C) and rising. For ideal sealer properties and improved bond, the *Stampsheen 350* should be applied in early morning or late afternoon time periods and should not be applied in full sun if possible. In cold applications, *Stampsheen 350* will not freeze but should be warmed ideally to 50° F (25° C) before use. For compliance with AIM Clean Air Act regulations, thinning of this product is not allowed. *Stampsheen 350* can be slippery when applied and during drying. Keep all traffic off the treated surface until dry. Protect all grass, foliage and related landscaping from overspray.

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 AT 800-535-5053.**

WARNINGS & SAFETY INFORMATION: **CONTAINS FLAMMABLE LIQUID AND VAPORS!** USE ONLY IN WELL-VENTILATED AREAS. Before using, the applicator should read all label, technical data and safety information completely. Store and apply away from heat, sparks, open flames, water heaters, or any related sources of ignition. To prevent vapor build up & possible explosion for interior applications, turn off water heater pilots, open all doors and windows to provide cross ventilation, or use a positive ventilation system to remove the vapors. Provide adequate ventilation. When applied as an interior sealer, there should be no building occupancy prior to the removal of the vapors with a positive ventilation system. In exterior applications, all HVAC openings, windows and air intakes should be closed to prevent intake of fumes into the building interior. Do not apply in or around buildings occupied by non-construction personnel, as the solvent odors may be irritating. If mixing pigments or tinting colors into the *Stampsheen 350*, make sure the mixing is either pneumatic (air) or manual, by agitation (shaking or paint stick), no standard electrical or battery operated mixers should be used with flammable liquids due to chance of spark. 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: Methyl Acetate, CAS # 79-20-9, Xylene, CAS# 1330-20-7, Ethylbenzene, CAS#100-41-4- / regulated by D.O.T.

SHIPPING CLASS: UN 1866, Resin Solution, FLAMMABLE LIQUID, HC 3, PGIII
ITEM 155250, SUB 2, FREIGHT CLASS 65 – Concrete Sealer

PACKAGING: 1, 5 & 55 gallon containers

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

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Revised; 12-10-15