



## **Straight Seal®**

### **water-based acrylic industrial grade indoor concrete seal**

Straight Seal is a water-based acrylic specifically developed to efficiently seal and protect concrete without the unpleasant odor associated with solvent-type sealers. This one-step, ready-to-use formula is recommended for use in light traffic areas and as a top-coat to increase the gloss of New Generation.



Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service



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### EXTENDS THE LIFE OF CONCRETE FLOORING

A thermoplastic resin forms the base of Straight Seal to provide durability...penetrating, sealing and protecting characteristics. Use of Straight Seal eliminates surface dusting — resulting in a longer-lasting concrete floor.

### SAFE

While protective gloves and safety glasses are always recommended, respiratory masks are not usually required.

### NON-FLAMMABLE/PLEASANT TO USE

Non-flammable. Straight Seal goes down as easy as a floor finish but provides industrial strength protection to concrete floors. Since no petroleum distillates are incorporated into the formula, users will not experience the offensive harmful vapors associated with solvent-based sealers. Because it is water-based, tools can be cleaned up with water and any Spartan General Purpose Cleaner.

In addition, the U. S. Dept. of Labor, Mine Safety & Health Administration advises Straight Seal has passed the necessary flammability tests to determine product safety for use underground.

### VOC COMPLIANT

Straight Seal offers a low VOC (Volatile Organic Compound) rating of 105 gram per liter.

### DIRECTIONS FOR USE:

Apply to sound, clean surfaces only. New concrete should be allowed to cure at least 14 days.

### PREPARE FLOOR

1. Remove loose crumbling concrete, curing membranes, paint and old seals. Clean and degrease floor with Spartan SC-200 or SNB-130 Cleaner/Degreaser and rinse thoroughly.

2. Repair defects.
3. Acid etching will increase life of seal and is recommended. Straight Seal can be used to restore gloss to New Generation 40 and 50 epoxy coated floors. Do not apply New Generation 100 products over Straight Seal. Use Spartan Concrete Prep according to directions. Rinse thoroughly. Let dry. Sweep or vacuum.

### APPLY SEAL

1. Apply first coat of Straight Seal at a target coverage rate of 750-1000 sq. ft./gal.
2. Recoat after previous coat is completely dry. Target rate: 1500 sq. ft./gal. Avoid thick coats.
3. Recoat until the desired level of gloss is achieved.
4. Clean up with water and a Spartan General Purpose Cleaner.
5. Floor can be walked on when final coat is completely dry. Avoid heavier traffic for 24 hours.

### MAINTENANCE

For correct procedures in maintaining the sealed floor, follow the literature titled, "Concrete Repair & Care".

### SPECIAL INSTRUCTIONS

1. If the floor is smooth, Straight Seal can be mopped on or can be applied with a lambs wool or mohair applicator, a roller or conventional sprayer. (Textured or porous surfaces snag and shred mops.)
2. Avoid puddling in depressions and holes.
3. Dry time will depend on temperature, relative humidity, porosity and air circulation. Typical dry time will be 1-2 hours.

4. Do not force dry with fans or strong drafts.
5. New concrete should be allowed to cure at least 14 days before applying Straight Seal. Do not apply Straight Seal before initiating moisture test using ASTM D-4263 Method.

### SPECIFICATION DATA:

Non-Volatile Solids - 24.0%

Flash Point - one

Volatile Organic Compounds (VOC) - 300 grams/liter

Stability

- a. Shelf Life in Unopened Container @ 24°C/75°F - Over one year
- b. Accelerated @ 49°C/120°F - Minimum 60 days
- c. Freeze/Thaw - Freezes and thaws 3 times with no loss of performance.

Coverage (dependant on porosity of floor)

1st Coat - up to 750 sq. ft./gal.

Additional Coats - 1500 sq. ft./gal.

Dry Time - 1 hour

(75°F, 50% Relative Humidity)

Heavy Traffic Exposure - 24 hours

(75°F, 50% Relative Humidity)

**Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting [www.spartanchemical.com](http://www.spartanchemical.com).**

### PACKAGING

582065	330-gallon tote
582055	55-gallon drum
582030	30-gallon drum
582015	15-gallon drum
582005	5-gallon pail
582004	1-gallon (4 per case)



Label copy is provided in English. Secondary labels are also available.

**GUARANTEE:** Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.

For institutional and industrial use only.

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