



# SPEX•CRETE™

## 5000 W SLU

### Description

**Spex•Crete™ 5000 W** is a shrinkage-compensated, high-strength, self-leveling underlayment engineered as a floor resurfacer. The versatility of this just-add-water product allows floors to be re-levelled quickly due to its ability to be pumped or poured for easy installation. The labor savings using Spex•Crete™ 5000 W are significant. Another key feature is that this system requires little to no troweling, saving yet more time and making you more money on the jobsite.

### Features

- **Wear Surface**
- Shrinkage-Compensated
- Self-Curing
- Self-Leveling
- Water Resistant
- Pumpable
- Excellent Compressive and Flexural Strengths
- Labor Savings Versus Non-pumpable Levelers

### Applications

- Ideal for Fixing out of Level Floors
- Great for Mass Timber Construction
- Building Renovation
- Luxury Apartments / Condos
- Install over Concrete, Exterior Grade Plywood, Ceramic Tile, Terrazzo

### Limitations

- FOR PROFESSIONAL USE ONLY
- Will not compensate for unstable substrates
- Imperfections in substrate may show through
- Deflection not to exceed L/360 of the span
- Do not install Spex•Crete™ 5000 W if the ambient temperature and or substrate temperature is below 40° F or above 90° F within 24 hours of pour
- Do not apply to frosted or frozen surfaces or below grade
- Do not over water or retemper
- Exposure to direct sunlight and drafts should be avoided while mixing, placing and curing
- This product is formulated for Industrial and Commercial use only
- **KEEP OUT OF REACH OF CHILDREN**

### Technical Data\*

|                                |                  |
|--------------------------------|------------------|
| Final Density                  | ~125 – 128 pcf   |
| Pounds / ft <sup>2</sup> at 1" | ~11 pounds       |
| Flexural Strength              | ~1,000 psi       |
| Compressive Data               |                  |
| 1 Day                          | ~3,500 psi       |
| 7 Day                          | ~4,500 psi       |
| 28 Day                         | ~6,500+ psi      |
| Flowing Time                   | ~15 minutes      |
| Working Time                   | ~20 – 30 minutes |
| Light Foot Traffic             | ~4 – 8 hours     |
| Minimum Thickness              | 1/4"             |
| Maximum Thickness              | 1"               |
| Color                          | Gray             |

\*Results are based on lab conditions. Field results may vary.

\*\*Coverage shown below is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of equipment used, thickness applied, and application methods used.

### Estimating Guide

|  |
|--|
| One Bag Covers ~13 ft <sup>2</sup> at 1/2" Thickness       |
| Truckload Yield: ~11,200 ft <sup>2</sup> at 1/2" Thickness |

### Packaging

|                         |                    |
|-------------------------|--------------------|
| ~50 lb. (22.67 kg) Bags | 48 Bags per Pallet |
| 18 Pallets / Truck      | 864 Bags / Truck   |





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### DIRECTIONS

**Preparing the Substrate:** Ensure substrate is structurally sound and in good working condition. Remove all debris, unsound concrete, loose or broken surfaces, coatings, paints, oils and/or sealing compounds. Mechanical abrasion may be required for previously sealed or coated floors or for non-absorbent surfaces like terrazzo and ceramic tile. Patch holes and cracks as needed. Seal all perimeter openings and apply iso strips. **On wood substrates,** must be two layers of exterior grade plywood minimum of 1 ¼" thickness and meet minimum L/360 (live and deadload) properly secured and bonded. Fill joints and securely install corrosion resistant metal lath to entire install area. If a sound control system is being used, follow manufacturer's recommendations for proper installation. Control and contraction joints must be maintained through Spex•Crete™ 5000 W. **PRIMER IS REQUIRED:** Dampen surface and then apply Spex•Crete™ WB Bonding Agent at full strength; two coats may be required for porous concrete or wooden substrates. Install Spex•Crete™ 5000 W to damp, tacky surface. A representative test pour is recommended on site at least three (3) days prior to job starting.

**Mixing Ratio:** Mix one ~50-pound (22.67 kg) bag to 5 – 5.5 quarts (4.7 – 5.2 L) of clean, cool, potable water. **DO NOT OVER WATER!** Mix for approximately 3 minutes or until lump free. Mixing conditions may vary depending on atmospheric conditions and the mixer / pump. Do not mix material that can't be placed within 10 minutes. Always add powder to water. Material is already pre-sanded. Contact Spex•Crete™ for deeper fill applications.

**Pumping/Placing:** Spex•Crete™ 5000 W SLU can be pumped. A rotor stator pump is recommended. For smaller jobs, use a barrel mixer at 400 – 600 RPM. Place in a continuous pour with parallel ribbons from 3" – 6" apart. Use spreader tool to place. Troweling is not recommended. If two lifts are required, do not exceed 1" per lift; wait 24 hours and pour second lift not to exceed depth of first lift, no need to reprime between lifts if done at 24 hour mark. If using with radiant flooring, prevent energy 7 days prior and 28 days after installation.

**Curing:** Spex•Crete™ 5000 W is a self-curing system in normal conditions. In high temperatures or windy conditions, it is recommended that a damp burlap covers the surface.

**Clean Up:** Clean all mixers, pumps and tools with water promptly after use. Dispose of contents / containers in accordance with local / regional / national regulations.

### Packaging & Shelf Life

Spex•Crete™ 5000 W is packaged in ~1/2 cubic foot multiwall paper bags. The bag weight is ~50 pounds (22.67 kg). This product should be stored, handled and used in accordance with good industrial safety and hygiene practices and according to local regulations. This product should be stored indoors in dry conditions and is not to be stored outdoors or in direct contact with the ground. Humidity and moisture will affect the shelf life and performance of this product. Under proper storage conditions, shelf life is 6 – 12 months from manufacture date.

### Spex•Crete™ Limited Warranty and Safety Information

SpexCrete warrants that this product, at the time of shipment, conforms to the specifications noted in the Technical Data section above. All other information provided in this Technical Data Sheet is to be used as guidance only and there are no warranties relating to the information which extend beyond the description on the face hereof. ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. SpexCrete has a sole obligation and the sole and exclusive remedy under this limited warranty shall be the replacement of any defective SpexCrete product at cost if justified by SpexCrete. No warranty is given for any technical advice or recommendations provided by SpexCrete. Buyer waives all claims under this limited warranty unless it has given written notice and proof of defect to SpexCrete within 15 days of delivery.

**DANGER** Harmful if swallowed. May cause an allergic skin reaction or burn, serious eye damage and/or respiratory irritation. This product may contain a chemical known to the state of California to cause cancer, or birth defects, or other reproductive harm. May cause damage to organs through prolonged or repeated exposure if inhaled.

Prevention Statement: Do not breathe dust/fume/gas/mist/vapor/spray. Wash hands and skin thoroughly after handling. Do not eat, drink or smoke while using this product. Mix outdoors or in a well-ventilated area. Contaminated work clothes should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER/Doctor. IF ON SKIN: Immediately take off all contaminated clothing. Rinse skin with plenty of water or shower. Immediately call a POISON CENTER/Doctor. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/Doctor if you feel unwell.

If exposed or concerned: Get medical advice/attention. Repeat Exposure: Get medical advice/attention if you feel unwell.

Disposal: Dispose of contents/container in accordance with local/regional/national regulations.

440-462-1500  
[www.SpexCrete.com](http://www.SpexCrete.com)



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