

Description

Spex•Crete™ 6000 SLU is a presanded, premium self leveling underlayment for renovation work with high compressive strengths and engineered for ease and speed of application. Spex•Crete™ 6000 SLU can be used as a wear surface or topped with ceramic tile, stone, resilient flooring, or carpet.

Features

- Fast Setting, Tile in as little as 12 Hours
- Presanded: Save on Labor, Consistent Quality
- Levels Damaged or Uneven Concrete Substrates
- 6,500 psi Compressive Strength at 28 Days
- 1,000 psi Flexural Strength at 28 Days
- Compatible with Radiant Heating Systems

Applications

- Adaptive Reuse
- Renovation
- Schools / Universities
- Multifamily / High-Rise Residential
- Mixed Use Multi-story Buildings
- Luxury Apartments
- Commercial Offices

Limitations

- FOR PROFESSIONAL USE ONLY
- Interior use only; Do not use outdoors
- Do not pour over gypsum-based subfloor
- Do not install Spex•Crete™ 6000 SLU if the ambient temperature and/or substrate temperature is below 40° F or above 80° F
- Do not apply to frosted or frozen surfaces or below grade
- Install to ICRI CSP3 to CSP5 standard
- Do not over water or retemper
- Keep out of reach of children
- Exposure to direct sunlight and drafts should be avoided while mixing, placing and curing
- Do not top with an epoxy flooring system
- Allow 14 days curing time before slowly bringing up heat in radiant heating system

Technical Data*

Final Density	~125 pcf
Mixing Ratio	One 50 lb. bag of 6000 SLU 4.75 quarts water
Compressive Data	ASTM C109M
1 Day	> 3,500 psi
7 Day	> 5,000 psi
28 Day	> 6,500 psi
Min. Thickness	1/8"
Max. Thickness	1" (per lift)
Color	Gray
Working Time	~15 minutes

*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 ~22 ft² at 1/4" Thickness
Truckload Yield: ~18,480 ft² at 1/4"

Packaging

~50 lb. (22.68 kg) Bags	56 Bags / Pallet
15 Pallets / Truck	840 Bags / Truck



Directions

Preparing the Substrate: Interior use only. Properly prepare the surface and perimeters. Ensure MVER limits are within final floor covering spec. Remove any loose or unsound material and make sure substrate is structurally sound. Clean and remove all foreign matter, including oils, waxes, grease, paint, dirt or any other material that would prevent proper adhesion of primer and leveler to the substrate. Before applying, field test in an on-site location to ensure proper bonding is achieved and stakeholders sign off. Maintain a dry surface prior to application and regulate the air temperature to between 40° F and 80° F. Turn off any radiant flooring at least 24 hours prior to pour. If over wood, ensure at least ¾" and L/360 for ceramic tile, or L/720 for stone (including live, dead, impact and concentrated loads). Install metal lathe. Seal cracks and install iso strips where horizontal and vertical surfaces join. Expansion and control joints should be honored through the pour. Mark all joints prior to install. Apply Primer to the substrate per instructions on container.

Mixing Ratio: Add 50 pounds of Spex•Crete™ 6000 SLU to 4.75 quarts (4.5 L) of clean, cool, potable water. DO NOT OVER WATER! Mixing conditions may vary depending on atmospheric conditions and the mixer / pump. Avoid overwatering, over mixing, or moving the mixer up and down during mixing as this will entrap air, lower the strength, and may cause cracking and/or pin-holing. For Barrel Mixing, continue with same mixing ratios and use an egg beater style mixer set to >900 rpm. Mix for 2 – 3 minutes. There should be no clumps in the mix. Don't overmix or entrap air with the mixer.

Pumping/Placing: Typical working time is ~15 minutes and is affected by humidity, temperature and jobsite conditions. Spex•Crete™ 6000 SLU can be pumped with most commercial batch mixing pumps. Do not retemper. Always pour in ribbons and pour new material into a wet edge. Use smoother and or gauge rake to place and finish the material. Do not install greater than 1" per lift or have the second lift exceed the depth of the first. Allow 24 hours drying time between lifts and prime surface again. Follow the floor covering manufacturer's moisture requirements. Use proper PPE.

Curing: Spex•Crete™ 6000 is self-curing and does not require any sealers or curing compounds. Maintain recommended temperature and humidity levels for the first 48 hours after the pour. Do not use forced air for the first 12 hours after the pour. Avoid foot traffic for 2-3 hours after the pour.

Clean Up: Clean all mixers, pumps and tools with water promptly after use while material is still wet. Dispose of contents/containers in accordance with local/regional/national regulations. Thoroughly wash hands and any contaminated clothing and follow hygiene best practices.

Coverage: One 50 lb. bag of Spex•Crete™ 6000 SLU will cover approximately 22 square feet at 1/4" depth.

Packaging & Shelf Life

Spex•Crete™ 6000 SLU is packaged in ~0.5 cubic foot, 50 pound bags. 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. Spex•Crete™ 6000 SLU has a shelf life of 6 months from date of manufacture.

SpexCrete Limited Warranty and Safety Information

Spex•Crete™ 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. Spex•Crete™ has a sole obligation and the sole and exclusive remedy under this limited warranty shall be the replacement of any defective product if justified by Spex•Crete™. No warranty is given for any technical advice or recommendations provided by Spex•Crete™. Buyer waives all claims under this limited warranty unless it has given written notice and proof of defect to Spex•Crete™ within 15 days of delivery. Visit SpexCrete.com for more.

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 a 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.