

Description

Spex•Crete™ 70 SLU is a revolutionary lightweight floor leveling product that is used where precise weight per square foot and strength requirements need to be met. Our lightweight underlayment is designed as a deep fill single pass system that is pumpable and finishes very smooth. With an average weight per square foot of 6 pounds at 1", this versatile lightweight self leveler is your go-to lightweight self leveling option for your next flooring job.

Features

- Lightweight, Single Pass System
- Shrinkage-Compensated
- Self-Curing
- Self-Leveling
- Pumpable
- Excellent Compressive Strengths
- Labor Savings Versus Non-pumpable Levelers

Applications

- Ideal for Fixing out of Level Floors
- Great for Mass Timber Construction
- Building Renovation
- Historical Restoration
- Luxury Apartments / Condos
- Schools / Universities
- Install over Structurally Sound, Stable and Chalk Free Gypsum, Concrete and most other substrates

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™ 70 SLU 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	~69 – 75 pcf
Pounds / ft ² at 1"	~6 pounds
Compressive Data	
1 Day	~2,000 psi
7 Day	~3,000 psi
28 Day	~4,000+ psi
Flowing Time	~15 minutes
Working Time	~20 – 30 minutes
Light Foot Traffic	~4 – 8 hours
Minimum Thickness	1/4"
Maximum Thickness	2"
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.

Mixing Ratio / Estimating Guide

Spex•Crete™ 5000 SLU Powder: 1 bag
 Spex•Crete™ G5: 11 pounds
 9.5 – 11 Quarts Water
 Yields ~11 ft² at 1"

Packaging

Spex•Crete™ 5000	40 x ~50 lb bags/p; 16p
Spex•Crete™ G5	~900 lb Super Sacks; 8p
24 Pallets	~7,000 sf at 1"



SPEX•CRETE™

70 SLU

DIRECTIONS

Preparing the Substrate: Inspect substrate to ensure floor is structurally sound and in good working condition. Remove all debris, unsound concrete, loose or broken surfaces, coatings, primers and/or sealing compounds. Patch holes and cracks as needed. Seal all voids around conduit, pipes and walls. If applying over wood, install lath over wood substrate. If a sound control mitigation system is being used, follow manufacturer's recommendations for proper installation. Control and contraction joints must be maintained through Spex•Crete™ 5000 SLU. Mark locations prior to pouring and cut once Spex•Crete™ 5000 SLU cures. **PRIMER IS REQUIRED:** Use Spex•Crete™ Water Based Bonding Agent. Follow recommended instructions on the container.

Mixing Ratio: 50 pounds of Spex•Crete™ 5000 SLU / 11 pounds of Spex•Crete™ 5G LWA / to 9.5 – 11 quarts (9 – 10.5 L) of clean, cool, potable water. **DO NOT OVER WATER!** Mixing conditions may vary depending on atmospheric conditions and the mixer / pump. Test flow to confirm proper mixing. Use a 2" x 4" piece of PVC pipe and a sheet of plexiglass to test the slump. For best results, the measured slump should be 11" – 12" in diameter. Do not exceed 13" of slump. For *Barrel Mixing*, continue with same mixing ratios and use an eggbeater style mixer set to >900 rpm. Mix for 90 seconds. There should be no clumps.

Pumping/Placing: Before applying, field test in an on-site location to ensure proper bonding is achieved. Maintain a dry surface prior to application and regulate the air temperature to between 40° F and 90° F. Typical working time is ~ 20 minutes, but can be affected by humidity and temperature on the job. Spex•Crete™ 70 SLU can be pumped with most commercial batch mixing pumps. Always pour new material into a wet edge. Use smoother and or gauge rake to place and finish. Once cured, apply a floor covering.

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

Packaging & Shelf Life

Spex•Crete™ 70 is a two-component system of powder and aggregate. Spex•Crete™ 5000 SLU is packaged in ~1/2 cubic foot (~50 pounds; 22.67 kg) multiwall paper bags with a shelf life of 6 – 12 months from date of manufacture. Spex•Crete™ G5 LWA is packaged in ~900-pound super sacks (408.23 kg). These products 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™ 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.

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