



SPEX•CRETE™ 5000 SLU

Description

Spex•Crete™ 5000 SLU delivers a quality floor leveling system with many benefits that include minimal surface preparation, high compressive strength and little to no shrink. This product is a hydraulic cement based Self Leveling Underlayment that is very smooth, durable, and easy pump. Engineered for performance, Spex•Crete™ 5000 SLU can be installed over most substrates, including existing gypsum.

Features

- Superior self-leveling characteristics
- Fast Setting, Light Traffic in 4 hours
Normal traffic in 24 hours
- Utilizes approved local bulk sand to reduce cost
- Minimal surface prep: clean, prime, pour
- Levels damaged or uneven concrete substrates
- Crack and abrasion resistant surface
- 5,000 psi compressive strength at 28 Days
- Can be installed over structurally sound, stable and chalk free gypsum and most other substrates
- May contribute to LEED certification of projects

Applications

- Multifamily / High-Rise Residential
- Mixed Use Multi-story Buildings
- Retail
- Luxury Apartments
- Commercial Offices
- Institutional
- Schools/Universities

Limitations

- FOR PROFESSIONAL USE ONLY
- Do not install Spex•Crete™ 5000 SLU if the ambient temperature and/or substrate temperature is below 40° F or above 90° F
- Do not apply to frosted or frozen surfaces or below grade
- Do not over water or retemper
- Do not use neat
- This product is formulated for Industrial and Commercial use only

Technical Data*	
Final Density	~110 pcf
Mixing Ratio	One 50 lb. bag of 5000 SLU 50 lb. of Approved Sand 9.5 – 11 Quarts of Water
Compressive Data	
1 Day	> 2,000 psi
7 Day	> 4,000 psi
28 Day	> 5,000 psi
Minimum Thickness	1/8"
Maximum Thickness (per lift)	1 1/2"
Color	Gray
Working Time	20 minutes
Yield with Sand	**46-48 sq. ft at 1/4"
Packaging	50 Pound Bag; 40 per Pallet

*Results are based on lab conditions when using approved sand. Field results may vary.

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

- Keep out of reach of children
- Exposure to direct sunlight and drafts should be avoided while mixing, placing and curing
- Minimum Thickness: 1/8"
- Maximum Thickness: 1 1/2"
- Interior use only; Do not use outdoors
- Not a wear surface, floor covering is required
- Do not top with an epoxy flooring system





SPEX•CRETE™

5000 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 approved primer. Follow recommended instructions on the container.

Mixing Ratio: 50 pounds of Spex•Crete™ 5000 SLU / 50 pounds dry approved sand / 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 egg beater style mixer set to >900 rpm. Mix for 90 seconds. There should be no clumps in the mix.

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™ 5000 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 the material. Once cured, apply a floor covering.

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

Packaging & Shelf Life

Spex•Crete™ 5000 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™ 5000 SLU has a shelf life of 12 months from date of manufacture when properly stored.

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 information.

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.

440-462-1500
www.SpexCrete.com



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SPEX-CRETE™

5000 SLU

GHS



DANGER

Harmful if swallowed.
Causes eye and skin irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

PRECAUTIONS:

Avoid breathing dust.
Wear respiratory protection.
Wash hands thoroughly after handling.
Wear protective gloves.
Do not eat, drink or smoke when using this product.
Dispose of contents in accordance with local and national regulations.

FIRST AID:

If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, call a doctor.
If swallowed: Call a doctor if you feel unwell. Rinse mouth.
If on skin: Wash with plenty of water and mild soap. Specific treatment includes rinsing with water until free of material to avoid abrasions and then wash skin thoroughly with mild soap and water.
If skin irritation occurs: Get medical advise and/or attention. Take off contaminated clothing and wash it before reuse. Dry skin may be treated with a commercially available hand lotion. If skin has become cracked, take appropriate action to prevent infection and promote healing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and/or attention.



DANGER

Nocif en cas d'ingestion.
Provoque une irritation des yeux et de la peau.
Peut provoquer des symptômes allergiques ou d'asthme ou des difficultés respiratoires par inhalation.

PRÉCAUTIONS:

Éviter de respirer la poussière.
Porter une protection respiratoire.
Laver soigneusement les mains après manipulation.
Porter des gants de protection.
Ne pas manger, boire ou fumer en utilisant ce produit.
Éliminer le contenu conformément aux réglementations locales et nationales.

PREMIERS SECOURS:

En cas d'inhalation: Si la respiration est difficile, sortir la personne à l'air frais et la maintenir confortablement respire. En cas de symptômes respiratoires, appeler un médecin.
En cas d'ingestion: Appeler un médecin en cas de malaise. Rincer la bouche.
Si sur la peau: Laver abondamment à l'eau et au savon doux. Un traitement spécifique comprend un rinçage à l'eau jusqu'à ce que exempt de matière à éviter tout frottement, puis lavez abondamment la peau avec un savon doux et de l'eau.
En cas d'irritation cutanée: Obtenez des conseils et / ou des soins médicaux.
Enlever les vêtements contaminés et laver avant de les réutiliser. La peau sèche peut être traitée avec une lotion pour les mains disponibles dans le commerce. Si la peau est devenue gercée, prendre les mesures appropriées pour prévenir l'infection et favoriser la guérison.
Si dans les yeux: Rincer avec précaution à l'eau pendant plusieurs minutes.
Enlever les lentilles de contact, si présent et facile à faire. Continuer à rincer. Si l'irritation oculaire persiste: Consulter et / ou des soins médicaux.



PELIGRO

Nocivo si se ingiere.
Provoca irritación en los ojos y la piel.
Puede causar alergia o asma o dificultades respiratorias si se inhala.

PRECAUCIONES:

Evite respirar el polvo.
Use protección respiratoria.
Lávese bien las manos después de manipular.
Use guantes de protección.
No comer, beber o fumar mientras se manipula este producto.
Deseche el material de acuerdo con las leyes federales, estatales y locales.

PRIMEROS AUXILIOS:

Si es inhalado: Si se respira con dificultad, lleve a la persona al exterior y mantenerla confortable para respirar. En caso de síntomas respiratorios, llame a un médico.
En caso de ingestión: Llame a un médico si se encuentra mal. Enjuagar la boca.
Si en la piel: Lavese con agua y jabón. El tratamiento específico incluye el enjuague con agua hasta que quede libre de material, para evitar abrasiones lavar la piel a fondo con jabón y agua.
En caso de irritación cutánea: Obtenga atención médica. Remueva la ropa contaminada y lavela antes de usarla nuevamente. La piel seca se puede tratar con una loción de mano disponible comercialmente. Si la piel está agrietada, tome las medidas apropiadas para prevenir la infección y promover la curación.
Si en los ojos: Enjuagar cuidadosamente con agua durante varios minutos. Quitar los lentes de contacto y proseguir con el lavado. Si persiste la irritación ocular: Obtenga atención médica.

