



USG DUROCK™ BRAND ULTRACAP®

SELF-LEVELING UNDERLAYMENT

- Portland cement-based poured underlayment
- No mechanical preparation required for most applications
- Ideal over concrete and wood subfloors
- Fast application and fast setting allows for quick return of normal trade traffic
- Smooth, crack-resistant surface
- Can be stained, polished or used by itself as a finished floor with an appropriate coating system¹

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At USG, we know how important it is to get the floor right. Rework is expensive, and delays are costly. That's where USG Performance Flooring Solutions comes in. We offer the most innovative products and systems, ensuring you get the right floor the first time.

DESCRIPTION

USG Durock™ Brand UltraCap® Self-Leveling Underlayment is a low prep, fast-applying Portland cement-based floor underlayment. This unique formulation has excellent bonding characteristics which does not require mechanical preparation of a sound concrete substrate for most applications. Providing a minimum compressive strength of 5,000 psi (34.5 MPa), USG Durock™ UltraCap self-leveling underlayment is mixed with water at the job site to yield a smooth and monolithic surface of up to 2 in. (51 mm) thick [deep fills up to 5 in. (127 mm)]. A 1/4 in. (6 mm) thick underlayment weighs approximately 2.6 lbs./sq. ft. (12.7 kg/m²) and has an approximate dry density of 125 lbs./cu. ft. (2,002 kg/m³). Floor covering can be installed in two to three days, depending on underlayment thickness and drying conditions. USG Durock™ UltraCap self-leveling underlayment may assist in obtaining LEED® MR Regional credits.

APPLICATIONS

Interior concrete slabs, prestressed concrete, concrete planks and wood subfloors.

VOC EMISSIONS

USG Durock™ UltraCap Self-Leveling Underlayment achieved GREENGUARD Gold Certification and qualifies as a "Low Emitting" material per California Department of Public Health CDPH/EHLB/Standard Method (CA Section 01350) for school classroom, single-family residence and private office modeling scenarios, and meets USGBC's LEED® v4 emission requirements.



PRODUCT DATA³

Approximate Compressive Strength ASTM C109 (modified)²	5,000 minimum psi (34.5 MPa) at 28 days
Approximate Dry Density	120-130 lbs./cu. ft. (1,922-2,082 kg/m ³)
Mixing Ratio	4.5-5.0 qt. (4.25 - 4.75 L) of water per 50 lb. (22.7 kg) bag
Approximate Coverage	23 sq. ft. (2.1 m ²) per bag at 1/4 in. (6 mm) thickness
Approximate Flow Time	15-20 minutes at 70 °F (21 °C)
Approximate Final Set ASTM C191	60-100 minutes
Approximate Light Foot Traffic	4 hours
Approximate Time to Flooring	Non-breathable floor covering can be installed in as little as 16 hours at 1/2 in. (13 mm) thickness or less, 2-3 days for deeper pours
Approximate Flexural Strength ASTM C348	Minimum 1,000 psi (6.9 MPa)
Thickness Range	Featheredge to 2 in. (51 mm), up to 5 in. (127 mm) when extended
Approximate Surface pH ASTM F710	11-12
Packaging	50 lb. (22.7 kg) multiwall paper bags

Notes:

1. USG does not warrant the performance of the wear surface coating. Consult coating manufacturer for suitability of use, field bond test and coating warranty.
2. ASTM C109 modified refers to air drying as opposed to damp curing.
3. Results published herein were achieved under controlled laboratory conditions. Actual field results may differ due to environmental conditions, inconsistent proportioning of field-applied water and USG Durock™ UltraCap® self-leveling underlayment, as well as differences in mixing/pumping equipment.

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usg.com/floorprep

PRODUCT INFORMATION

See usg.com for the most up-to-date product information.

DANGER!

Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation. May cause cancer by inhalation of respirable crystalline silica. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Use only in a well-ventilated area, wear a NIOSH/MSHA-approved respirator. Wear protective gloves/protective

clothing/eye protection. If swallowed, inhaled or skin irritation occurs, get medical attention. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Dispose of in accordance with local, state and federal regulations.

For more information call Product Safety: 800 507-8899 or see the SDS at usg.com.

KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS

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NOTE

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NOTICE

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SAFETY FIRST!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read Submittal Sheet CB575, SDS and literature at usg.com before specification and installation.