



USG DUROCK™ BRAND ADVANCED SKIM COAT™ PLUS FLOOR PATCH

Highly moisture-tolerant skim coat and floor patch

- Achieve a smooth finish over a variety of subfloors
- Designed for high moisture applications - up to 12 lbs. MVER, 11 pH and 99% RH
- Fast drying - install floor covering in as little as 15 minutes
- Install from featheredge to 1/2 in. (13 mm)
- Easy to mix; may be retempered multiple times without the addition of water to extend working time

DESCRIPTION

USG Durock™ Brand Advanced Skim Coat™ Plus Floor Patch is a fast drying, trowelable floor patch that produces a smooth finish. The unique formulation was designed for concrete subfloors with high moisture - up to 12 lbs. MVER, 11 pH and 99% RH. It is ideal for use beneath moisture resistant flooring adhesives and floor coverings.

INTENDED FOR

- Concrete subfloors with high moisture - up to 12 lbs. MVER, 11 pH and 99% RH
- Wood and gypsum subfloors
- Use beneath moisture resistant flooring adhesives and floor coverings
- Use over most interior floors, including ceramic and quarry tile, terrazzo, wood and metal
- Use over epoxy coatings and residues of adhesives and cutback adhesives
- Use as an embossing leveler over most floor coverings
- Featheredge to 1/2 in. (13 mm) thick applications
- Interior use only

INSTALLATION

For installation guidelines, refer to *USG Durock™ Brand Advanced Skim Coat™ Plus Floor Patch Installation Guide* (CB325645) at usg.com.

PRODUCT DATA

Mixing Ratio: 10 lb. (4.5 kg) bag USG Durock™ Advanced Skim Coat Plus Floor Patch requires up to 1.58 quarts (1.5 L) of water (three parts USG Durock™ Advanced Skim Coat Plus Floor Patch to one part water by volume)

Approximate Coverage:

Up to 73 sq. ft. (6.8 m²) at 1/16 in. (2 mm) thickness

Up to 36 sq. ft. (3.3 m²) per bag when applied at 1/8 in. (3 mm) thickness

Up to 18 sq. ft. (1.7 m²) per bag when applied at 1/4 in. (6 mm) thickness

Approximate Working Time: 10–15 minutes

Approximate Time to Flooring: In as little as 15 minutes or when USG Durock™ Advanced Skim Coat Plus Floor Patch can be worked on without damaging the surface. Drying time is dependent on job site temperature and humidity conditions as well as application thickness.

Thickness Range: Featheredge to 1/2 in. (13 mm) thick in large areas; any thickness in small well-defined areas such as thresholds and concave-shaped depressions in subfloors.

Compressive Strength: 3,000 psi (20.7 MPa)

Packaging: 10 lb. (4.5 kg) plastic bags.

Note: Physical characteristics 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™ Advanced Skim Coat Plus Floor Patch, as well as differences in mixing equipment.

STORAGE

USG Durock™ Advanced Skim Coat Plus Floor Patch should be stored in an enclosed shelter away from direct sunlight in a well-ventilated, cool, dry area. If storing after opening, remove all air from bag and seal tightly. USG Durock™ Advanced Skim Coat Plus Floor Patch has a shelf life of 18 months from the manufactured date when in original unopened packaging.

EXTENDED WARRANTY

An extended warranty may apply when using USG Durock™ Advanced Skim Coat Plus Floor Patch in a system application. Please contact USG for further details.

NOTES/LIMITATIONS

1. Do not use in exterior applications.
2. Do not use as a wear surface.
3. Do not install over dimensionally unstable, improperly prepared, weak subfloors.
4. Do not install over concrete subfloor less than 28 days old. For untreated (without an approved moisture mitigation system) concrete subfloors less than 28 days old, contact USG.
5. For below-grade applications, contact USG.
6. Do not apply directly to sound mat.
7. Do not use over expansion or isolation joints. Continue all movement joints in the concrete slab up through the layer of floor patch. In areas where the expansion or isolation joints are not present in the floor or where the concrete slab has developed systematic cracks in response to slab movement, consult with an engineer on the project or request services of a professional structural engineer to provide such joints as part of the system in accordance with engineering requirements and industry standards.
8. Existing cracks in the new and old concrete must be repaired with an appropriate crack-repair material in accordance with industry recommendations prior to installation of USG Durock™ Advanced Skim Coat Plus Floor Patch. Note that repair of existing cracks in the concrete subfloor only subdues but does not completely prevent their ability to telegraph through USG Durock™ Advanced Skim Coat Plus Floor Patch. Growth of existing cracks or formation of new cracks in the concrete subfloor can lead to cracks telegraphing through the floor patch.
9. When the MVER exceeds 12 lbs. (5.4 kg)/1,000 sq. ft. (92.9 m²)/24 hours, 11 pH or an RH greater than 99% per ASTM F2170, treat the concrete subfloor with a USG Durock™ Brand Moisture Vapor Reducer. USG Durock™ Advanced Skim Coat Plus Floor Patch is not a vapor or moisture barrier. Transmission of excessive water vapor or moisture from the concrete subfloor through the USG Durock™ Advanced Skim Coat Plus Floor Patch can interfere with floor coverings and/or floor-covering adhesives, thus compromising their performance. For on-grade applications, use a USG Durock™ Brand Moisture Vapor Reducer over concrete. Moisture mitigation system may not be needed if a vapor retarder is installed below the concrete slab in accordance to industry specifications and practice (ASTM E1745, ASTM E1993, ASTM E1693) and the MVER value of the concrete slab is below 12 lbs. (5.4 kg)/1,000 sq. ft. (92.9 m²)/24 hours, 11 pH or has an RH less than 99% per ASTM F2170.
10. Do not use acid etching as a method of cleaning and preparing the concrete subfloor.
11. Do not use oil-based sweeping compounds to clean and prepare the concrete subfloor. Use of such sweeping compounds leaves an oil film on the surface of the concrete that will interfere with the floor patch's bond development. Use a HEPA filtration industrial vacuum to remove the dust and debris and prepare the subfloor for USG Durock™ Advanced Skim Coat Plus Floor Patch application.
12. Do not use adhesive-removing chemicals or solvents to eliminate contaminants from the concrete subfloor. Use of such chemicals can transport oil, grease and other contaminants further into the concrete pores. These chemicals can leech back to the surface over time thus compromising the bond performance of flooring adhesives to USG Durock™ Advanced Skim Coat Plus Floor Patch.
13. For applications over materials containing asbestos reference CB5378 *Guidelines for Covering Asbestos Containing Materials (ACM)*.
14. Do not overwater or overmix.
15. Do not add non-USG approved chemical additives or polymers to USG Durock™ Advanced Skim Coat Plus Floor Patch.
16. Existing curing compounds on concrete surfaces must be removed prior to the application of USG Durock™ Advanced Skim Coat Plus Floor Patch.
17. Do not mix with other cementitious products or self-leveling materials.
18. Structure shall be designed so deflection does not exceed L/240 from combined dead and live loads and L/360 from live loads. Certain floor coverings such as marble, limestone, travertine and wood may have more restrictive deflection limits. Consult the appropriate floor-covering manufacturer.

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

PRODUCT INFORMATION

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

GREENGUARD INFORMATION

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

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

We shall not be liable for consequential, incidental or special damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to the replacement of defective goods or a refund of the purchase price, at USG's option, and does not include costs of labor, floor-covering materials, or any other costs associated with material replacement. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered. For all applicable terms and conditions, please refer to *USG Durock™ Brand Floor Preparation Products Two-Year Limited Warranty (CB747)* located at usg.com.

SAFETY FIRST!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read applicable SDSs and literature before specification and installation.



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