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*USG Floor Prep Portfolio | 2*
USG DUROCK™ FLOOR PREP PORTFOLIO

USG offers professional grade floor prep solutions for the most demanding installations. Find USG Durock™ Brand Floor Prep products for residential, commercial and renovation projects nationwide through our distribution network.

An extended warranty may apply when using USG Durock™ Floor Prep products in a system application, contact USG for further details.

ICON LEGEND

**Low Prep Underlayment** Prime and pour. In just two steps, USG Durock™ Low-Prep Underlayment provides Strength Beneath the Surface™ featuring compressive strengths that exceed those of conventional concrete.

**Fiber-Reinforced (FR) Underlayment** How do you improve USG underlayment? By reinforcing them. USG Fiber Reinforced (FR) engineered cementitious underlayment are cost-effective reinforcement solutions that provide a smooth surface with improved impact resistance, enhanced crack reduction and further propagation reduction, and improved load distribution.

**Fast Track** When time is of the essence, consider USG Fast Track products for quick return to service.

**Wear Surface** Properly poured and dried underlayment that can be used as a wear surface with an appropriate coating.

**High Recycled Content** USG Levelrock Green floor underlayment are made with recaptured gypsum via a process that greatly reduces emissions of sulfur dioxide which helps reduce harmful acid rain. This use of recaptured gypsum also eliminates the need to dispose of the material in landfills as a solid waste. USG Durock™ EXG™ Concrete Repair Patch contains 65% recycled content in the cementitious binder.

**UL Classified** in 130+ assemblies. All USG 1- and 2-hour rated floor assemblies are designed to meet the International Building Code (IBC) and feature USG Levelrock® and USG Durock™ gypsum-based underlayment and floor patches.

**GREENGUARD Gold** USG product 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.

**Pro** For large scale projects, adding approved sand onsite to USG Durock™ Pro Series Self-Leveling Products creates less waste and yields significant material savings. In addition, only minimal surface preparation is required for most products.
SURFACE PREPARATION

USG DUROCK™ LSP™ LIQUID SURFACE PROFILER

- Patented, biodegradable concrete cleaner and surface profiler
- Dust-free replacement for grinding, shot blasting and acid etching
- Proprietary catalyst reacts with free minerals at the concrete paste layer, bringing them and other contaminates to the surface for easy removal
- Low VOC formula can be used for indoor, outdoor, horizontal, above and below grade
- Prepares concrete for moisture mitigation systems, pourable underlayment, floor patches, sealers and coatings
- Self-neutralizing formula
- Easy to use and apply; up to 50% faster than mechanical preparation methods
USG DUROCK™ ESB™ PRIMER
- 100% solids epoxy-based primer with zero VOCs
- Epoxy primer specifically designed to receive broadcast aggregate
- Designed for use over concrete substrates
- No mechanical preparation required for most applications
- Excellent substrate wetting capabilities
- Allows for underlayment application in approximately 24 hours, depending on conditions
- Bonded aggregate provides a coarse profile for more demanding projects
- Empty packaging can be recycled

USG DUROCK™ EW2™ PRIMER
- 100% solids epoxy-based primer with zero VOCs
- High bond, fast-track epoxy primer
- Designed for use over concrete substrates
- No mechanical preparation required for most applications
- Excellent substrate wetting capabilities
- Allows for underlayment application in as little as 30 minutes, depending on conditions
- Ideal primer for bonding with USG Durock™ and USG Levelrock® underlayments
- Empty packaging can be recycled

USG DUROCK™ FUSION™ PRIMER
- Two-component, waterborne-epoxy
- Ideal for surface consolidation of compromised gypsum underlayments
- Excellent adhesion to dry gypsum floor underlayments
- Superior penetration and adhesion to a green concrete
- Fast cure time
- Low VOC and low odor

USG DUROCK™ PRIMER-SEALER
- Ideal for use on porous and nonporous concrete subfloors, wood and gypsum underlayment
- Fast-drying, single coat application
- Enhances bond between substrate and underlayment
- Enhances bond of most adhesives when used as a sealer
- Mildew resistant; no staining of finished floor coverings
- No adverse effect on floor-covering adhesive
MOISTURE MITIGATION

USG DUROCK™ CST™ MOISTURE VAPOR REDUCER
- Penetrating concrete moisture barrier utilizing reactive chemistry
- Reactive chemistry creates a permanent membrane 2-4 mm below the surface
- Assists in reducing MVER by 5+ lbs.
- Reduces RH by 10%, maintains a consistent pH
- Maintains surface profile for optimal bond of patching and leveling compounds and coatings
- Dries in as little as 1 hour
- Effective at managing MVER up to 10 lbs. per ASTM F1869
- Can be applied 24 hours after concrete is poured

USG DUROCK™ RH-100™ MOISTURE VAPOR REDUCER
- Suitable for concrete subfloors up to 100% RH
- Protects floor coverings from concrete alkalinity up to pH 14
- Permeance rating (ASTM E96): < .10
- Exceeds ASTM F3010 performance requirements
- Low viscosity promotes superior penetration and adhesion
- Fast cure—becomes tack-free in as little as four hours, depending on conditions
- 100% solids epoxy
- GREENGUARD Gold Certified for low chemical emissions

PATCHES AND SKIM COATS

USG DUROCK™ ADVANCED SKIM COAT™ FLOOR PATCH
- Premium calcium aluminate patch and skim coat
- Innovative formulation offers greater coverage vs. competitive products
- Install floor covering in as little as 15 minutes
- Featheredge to 1/2 in. thick in large areas; any thickness in small well-defined areas such as thresholds and concave-shaped depressions in substrates
- Smooth finish over various substrates
- No priming necessary for most applications
- May be used as an embossing leveler when mixed with USG Durock™ Matrix™ Bond Enhancer
- GREENGUARD Gold Certified for low chemical emissions
PATCHES AND SKIM COATS

USG DUROCK™ EXG™ CONCRETE REPAIR PATCH
- Innovative exterior & interior polymer-modified cementitious concrete repair patch
- Environmentally sustainable—high recycled content, low embodied energy, low carbon footprint
- Can receive floor coverings in as little as 45 minutes
- Fast-setting—allows for vehicular traffic in about an hour
- Repair interior concrete floors prior to installation of high RH durable floor coverings
- Repair exterior concrete areas such as sidewalks, driveways, steps, parking garages and pool decks
- Featheredge to 3 in. neat; deep fills up to 12 in. when extended
- Superior bond to concrete substrates without bonding primers
- Durable and strong for heavy duty applications—up to 10,500 psi
- Extremely freeze/thaw and salt resistant
- Meets ASTM C928 standard specification
- GREENGUARD Gold Certified for low chemical emissions

USG DUROCK™ NE FLOOR PATCH
- Versatile, trowel-able cementitious patching compound
- For interior use over concrete and approved wood subfloors
- Fast setting—floor coverings may be installed in as little as one hour
- Featheredge to 1/2 in. thick
- No priming necessary for most applications
- Polymer modified—promotes early strength and workability
- Easy to mix and apply
- GREENGUARD Gold Certified for low chemical emissions

USG DUROCK™ QUIK-RAMP™ FLOOR PATCH
- Calcium aluminate floor patch ideal for ramping and deep fills
- Use over concrete and wood subfloors; terrazzo, ceramic and quarry tile; and other specialty applications
- Install flooring in as little as one hour
- Featheredge to 2 in. neat; deep fills up to 5 in. when extended over concrete and nonporous substrates
- Durable and strong—up to 6,000 psi
- No priming necessary for most applications
- GREENGUARD Gold Certified for low chemical emissions
PATCHES AND SKIM COATS

USG DUROCK™ TUF-SKIM™ FLOOR PATCH
- Trowel-able high early strength floor repair patch
- UL Classified for use in 135+ assemblies
- Install floor covering in as little as 30 minutes
- Fast-setting with an exceptionally strong bond
- Approximate 6,000 psi
- Featheredge to 1/2 in. thick in large areas; any thickness in small, well-defined areas
- Reduced water demand for quicker drying time
- Easy mixing, smooth finish
- No priming necessary over most surfaces

USG DUROCK™ X FLOOR PATCH
- For interior use over properly prepared concrete, gypsum and approved wood subfloors
- Lower viscosity promotes workability and a smooth finish
- Fast setting—floor coverings may be installed in as little as 35 minutes
- Featheredge to 1/2 in. thick
- No priming necessary for most applications
- May be used as an embossing leveler when mixed with USG Durock™ Matrix™ Bond Enhancer
- GREENGUARD Gold Certified for low chemical emissions

USG DUROCK™ MATRIX™ BOND ENHANCER
- May be used as an embossing leveler when mixed with USG Durock™ Advanced Skim Coat™ Floor Patch, Tuf-Skim™ Floor Patch, X Floor Patch, or NE Floor Patch
- Increases flexibility
- Improves adhesion and crack resistance
- Easy to mix and apply
- Improved floor patch coverage rates

USG DUROCK™ CRACK REPAIR COMPOUND
- Versatile, pourable polyurea crack repair compound
- Ideal for repairing cracks in concrete substrates
- Fast-setting – allows for foot traffic in as little as 10 minutes
- Install coatings, toppings or floor coverings in as little as 30 minutes
- Innovative formulation allows for rapid curing in temperatures below zero
- Easy mixing, smooth finish
- Durable and strong – up to 6,200 psi
# Comparison Chart

## Patches and Skim Coats

<table>
<thead>
<tr>
<th>Product</th>
<th>Package</th>
<th>Approximate Coverage at 1/8 in.</th>
<th>Thickness Range</th>
<th>Working Time (min.)</th>
<th>Install Flooring (min.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Durock™ Advanced Skim Coat™ Floor Patch</td>
<td>9 lb. bag</td>
<td>38 sq. ft.</td>
<td>FE - 1/2 in.;</td>
<td>10 - 15</td>
<td>15 - 25</td>
</tr>
<tr>
<td></td>
<td>or pail</td>
<td></td>
<td>any thickness in small, well-defined areas</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USG Durock™ EXG™ Concrete Repair Patch</td>
<td>50 lb. bag</td>
<td>40 sq. ft.</td>
<td>FE - 12 in.</td>
<td>15 - 25</td>
<td>45 - 60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USG Durock™ NE Floor Patch</td>
<td>25 lb. bag</td>
<td>39 sq. ft.</td>
<td>FE - 1/2 in.</td>
<td>10 - 20</td>
<td>60 - 70</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USG Durock™ Quik-Ramp™ Floor Patch</td>
<td>50 lb. bag</td>
<td>55 sq. ft.</td>
<td>FE - 5 in.</td>
<td>15 - 25</td>
<td>60 - 70</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USG Durock™ Tuf-Skim™ Floor Patch</td>
<td>25 lb. bag</td>
<td>48 sq. ft.</td>
<td>FE - 1/2 in.;</td>
<td>10 - 25</td>
<td>30 - 60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>any thickness in small, well-defined areas</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USG Durock™ X Floor Patch</td>
<td>18 lb. bag</td>
<td>47 sq. ft.</td>
<td>FE - 1/2 in.</td>
<td>10 - 15</td>
<td>35 - 45</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes

- a. May be used with USG Durock™ Matrix™ Bond Enhancer.
- b. FE = featheredge.
- c. For thicknesses exceeding 2 in., aggregate is required.
- d. May be retempered multiple times without addition of water.
- e. For thicknesses exceeding 3 in., aggregate is required.
- f. Depending on thickness and drying conditions. See submittals for drying requirements when using specialty adhesives and for installation of wood floor coverings.

USG Durock™ Matrix Bond Enhancer is a liquid additive that improves flexibility and adhesion, as well as impact resistance and coverage rates. When mixed with these patching compounds, the material can be applied over most interior floor coverings, including ceramic and quarry tile, terrazzo, wood and interior concrete, as well as properly prepared residues of cutback and other non-water-soluble adhesives on concrete and epoxy coatings.

## USG Durock™ Matrix™ Bond Enhancer – Ratios

<table>
<thead>
<tr>
<th>Product</th>
<th>Mix Design</th>
<th>USG Durock™ Matrix™ Bond Enhancer</th>
<th>Coverage at 1/32 in. (.8 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Durock™ Advanced Skim Coat™ Floor Patch</td>
<td>9 lb. (4.0 kg) bag</td>
<td>2.5 qt. (2.3 L)</td>
<td>Up to 180 sq. ft. (16 m²)</td>
</tr>
<tr>
<td></td>
<td>5 parts by volume</td>
<td>2 parts by volume</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9 lb. (4.0 kg) bag</td>
<td>2.5 qt. (2.3 L)</td>
<td>Up to 180 sq. ft. (16 m²)</td>
</tr>
<tr>
<td></td>
<td>5 parts by volume</td>
<td>2 parts by volume</td>
<td></td>
</tr>
<tr>
<td>USG Durock™ NE Floor Patch</td>
<td>25 lb. (11.3 kg)</td>
<td>3.5 qt. (3.3 L)</td>
<td>Up to 150 sq. ft. (14 m²)</td>
</tr>
<tr>
<td></td>
<td>3 parts by volume</td>
<td>1 part by volume</td>
<td></td>
</tr>
<tr>
<td>USG Durock™ Tuf-Skim™ Floor Patch</td>
<td>25 lb. (11.3 kg)</td>
<td>3.25 qt. (3.1 L)</td>
<td>Up to 260 sq. ft. (24.1 m²)</td>
</tr>
<tr>
<td></td>
<td>3 parts by volume</td>
<td>1 part by volume</td>
<td></td>
</tr>
<tr>
<td>USG Durock™ X Floor Patch</td>
<td>18 lb. (8.1 kg) bag</td>
<td>3 qt. (2.8 L)</td>
<td>Up to 198 sq. ft. (18 m²)</td>
</tr>
<tr>
<td></td>
<td>3 parts by volume</td>
<td>1 part by volume</td>
<td></td>
</tr>
</tbody>
</table>
### SELF-LEVELING PRODUCTS

#### USG DUROCK™ MULTI-USE SELF-LEVELING UNDERLAYMENT Series
- Ideal for wood frame, renovation and light commercial construction and radiant heat installations
- Meets resilient floor industry specifications
- Exceptionally smooth, crack-resistant surface
- 3/8 in. to 3 in. thick, up to 5 in. when extended
- No mechanical preparation required for most applications
- Helps maximize sound isolation between floors/units
- GREENGUARD Gold Certified for low chemical emissions

#### USG DUROCK™ PCO™ WHITE SELF-LEVELING TOPPING
- Portland cement-based polishable concrete overlay
- Ideal over concrete subfloors when used as a decorative topping or wear surface
- Can be used as a topping with wear surface qualities similar to concrete
- Can be stained integrally or topically using a tested concrete stain
- Fast application and fast setting allow for quick return of normal trade traffic
- Smooth, crack-resistant surface
- No mechanical preparation required for most applications
- GREENGUARD Gold Certified for low chemical emissions

#### USG DUROCK™ PROFLOW™ SELF-LEVELING UNDERLAYMENT Series
- Ideal for commercial, institutional and renovation construction
- Self-leveling properties speed production and provide a smooth, crack-resistant surface
- Fast application and setting times facilitate return of light trade traffic within hours
- Featheredge to 1 in. thick
- No mechanical preparation required for most applications
- May be used as a decorative wear surface with an appropriate coating system
- GREENGUARD Gold Certified for low chemical emissions

#### USG DUROCK™ PWT™ PRO SELF-LEVELING TOPPING
- Self-leveling, polishable wear topping
- Specially formulated to suspend and expose coarse aggregates during the polishing process
- Hybrid cementitious formula can be used as a topping with wear surface qualities equal to concrete
- Ideal for pre-cast concrete or concrete applications
- Can be stained to create unique aesthetic designs
- GREENGUARD Gold Certified for low chemical emissions
SELF-LEVELING PRODUCTS

USG DUROCK™ QUÍK-COVER™ SELF-LEVELING UNDERLAYMENT

- Extremely fast-drying calcium aluminate product
- Proprietary engineered cement technology
- Fast-track solution for commercial and institutional repair and renovation
- Allows for application of all floor coverings in as little as 1 hour
- Featheredge to 5 in. neat
- No mechanical preparation required for most applications
- Fast and easy to mix
- Suitable for any floor coverings
- GREENGUARD Gold Certified for low chemical emissions

USG DUROCK™ QUÍK-TOP™ SELF-LEVELING UNDERLAYMENT Series

- Proprietary engineered cement technology
- Compressive strength of up to 10,000 psi
- Allows for application of floor covering in as little as 15 hours
- Featheredge to 3 in. thick, up to 5 in. when extended
- No mechanical preparation required for most applications
- May be used as a decorative wear surface with an appropriate coating system
- Available in white or gray
- May be used with any finished floor covering
- GREENGUARD Gold Certified for low chemical emissions

USG DUROCK™ SPEED™ SELF-LEVELING UNDERLAYMENT

- High-alumina, cement-based poured underlayment
- Most floor coverings in as little as 6 hours; wood in 24 hours
- Smooth, crack-resistant surface
- Formulated using HAC-based/Portland cement blend (ASTM C150)
- No mechanical preparation required for most applications
- Can be used as a topping with wear surface qualities similar to concrete
- Can stain integrally or topically using a tested concrete stain or dye
- GREENGUARD Gold Certified for low chemical emissions

USG DUROCK™ SURFACE™ SELF-LEVELING UNDERLAYMENT Series

- Self-sealing technology; fast—allows for return of light trade traffic within hours
- High compressive strength up to 5,500 psi—stands up to commercial and institutional use
- Ideal for renovating concrete subfloors—can be applied at various thicknesses
- 1/4 in. to 3 in. thick
- No mechanical preparation required for most applications
- GREENGUARD Gold Certified for low chemical emissions
SELF-LEVELING PRODUCTS

USG DUROCK™ ULTRACAP® SELF-LEVELING UNDERLAYMENT Series

- Portland cement-based/ideal over concrete and wood
- Produces a smooth, crack-resistant surface
- Fast setting - allows trade traffic in 24 hours
- Featheredge to 2 in. thick, up to 5 in. when extended
- Compressive strength of over 5,000 psi
- May be used as a decorative wear surface with an appropriate coating system
- No mechanical preparation required for most applications
- GREENGUARD Gold Certified for low chemical emissions

USG DUROCK™ ULTRADRY™ SELF-LEVELING UNDERLAYMENT

- Proprietary calcium aluminate cement product with quick-drying technology
- Fast-track solution for commercial and institutional repair and renovation
- Allows for application of ceramic tiles in 4 hours and most floor coverings in 12 hours; wood in 24 hours
- Featheredge to 5 in. neat
- No mechanical preparation required for most applications
- Fast and easy to mix
- GREENGUARD Gold Certified for low chemical emissions

FLOOR-COVERING ADHESIVE

USG DUROCK™ GENIUS™

- Install any carpet, resilient flooring covering or sport flooring and non-patterned broadloom
- For use on all grades of concrete (on, above or below grade), metal, wood, fiberglass and terrazzo
- Tolerates up to 99% RH (ASTM F-2170); up to 10 lbs. MVER (ASTM F-1869); and pH levels up to 12 (ASTM F-710)
- Releasable or semi-permanent
- Can be used wet, semi-wet or clear
- High shear strength 45+ lbs., average peel 5+ lbs.
- Green Label Plus Certified no VOCs
- Variable working time – 20 minutes to hours
- Superior coverage rates
# COMPARISON CHART

## SELF-LEVELING PRODUCTS

<table>
<thead>
<tr>
<th>Product</th>
<th>Approximate Compressive Strength (psi)</th>
<th>Approximate Coverage at 1/4 in.</th>
<th>Thickness Range(d)</th>
<th>Depth When Extended</th>
<th>Working Time (min.)</th>
<th>Install Tile &amp; Breathable Floor Coverings</th>
<th>Install Non-Breathable/Moisture Sensitive Flooring</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Durock™ Multi-Use Self-Leveling Underlayment(ab,c)</td>
<td>3,500 – 4,500</td>
<td>22 sq. ft.</td>
<td>3/8 in. - 3 in.</td>
<td>5 in.</td>
<td>20</td>
<td>5-10 days @ 3/4 in.</td>
<td>5-10 days @ 3/4 in.</td>
</tr>
<tr>
<td>USG Durock™ PCO™ White Self-Leveling Topping(a)</td>
<td>5,000-6,000</td>
<td>23 sq. ft.</td>
<td>FE - 2 in.</td>
<td></td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USG Durock™ ProFlow™ Self-Leveling Underlayment(a,b,c)</td>
<td>6,000 – 8,000</td>
<td>22 sq. ft.</td>
<td>FE - 1 in.</td>
<td></td>
<td>15</td>
<td>2-5 days</td>
<td>2-5 days</td>
</tr>
<tr>
<td>USG Durock™ PWT™ Pro Self-Leveling Topping</td>
<td>5,000 – 7,000</td>
<td>80 sq. ft.</td>
<td>3/8 in. - 3 in.</td>
<td></td>
<td>15</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>USG Durock™ Quik-Cover™ Self-Leveling Underlayment(a)</td>
<td>5,000 – 6,000</td>
<td>25 sq. ft.</td>
<td>FE - 1 in.</td>
<td></td>
<td>20</td>
<td>1 hour</td>
<td>1 hour</td>
</tr>
<tr>
<td>USG Durock™ Quik-Top™ Self-Leveling Underlayment(a,b,c)</td>
<td>7,000 – 10,000</td>
<td>22 sq. ft.</td>
<td>FE - 3 in.</td>
<td>5 in.</td>
<td>25</td>
<td>15 hours</td>
<td>15 hours</td>
</tr>
<tr>
<td>USG Durock™ Speed™ Self-Leveling Underlayment</td>
<td>6,000 – 7,000</td>
<td>25 sq. ft.</td>
<td>FE - 2 in.</td>
<td>5 in.</td>
<td>25</td>
<td>4 hours</td>
<td>16 hours</td>
</tr>
<tr>
<td>USG Durock™ Surface™ Self-Leveling Underlayment(a)</td>
<td>4,500 – 5,500</td>
<td>22 sq. ft.</td>
<td>1/4 in. - 3 in.</td>
<td></td>
<td>15</td>
<td>2-5 days @ 3/4 in.</td>
<td>2-5 days @ 3/4 in.</td>
</tr>
<tr>
<td>USG Durock™ UltraCap® Self-Leveling Underlayment(a)</td>
<td>4,500 – 5,500</td>
<td>23 sq. ft.</td>
<td>FE - 2 in.</td>
<td>5 in.</td>
<td>25</td>
<td>12 hours</td>
<td>2-3 days</td>
</tr>
<tr>
<td>USG Durock™ UltraDry™ Self-Leveling Underlayment(a)</td>
<td>3,500-4,500</td>
<td>22 sq. ft.</td>
<td>FE - 5 in.</td>
<td></td>
<td>25</td>
<td>4 hours</td>
<td>12 hours</td>
</tr>
</tbody>
</table>

**Notes**

- a. No mechanical preparation required for most applications.
- b. UL Classified for use in fire rated assemblies.
- c. May include Fiber-Reinforced (FR) and/or Pro products.
- d. FE = featheredge
DAMAGED GYPSUM UNDERLAYMENT REPAIR

Existing gypsum underlayment that exhibits specific defects such as a soft and chalky surface, cracks and low strength (both tensile and compressive), will need appropriate repairs prior to installing a new floor covering.

USG offers both a trowelable and a pourable solution. For detailed instructions, please see USG Rehabilitation Guidelines for Damaged Gypsum Underlayments (CB822) at usgperformanceflooring.com and usg.com or contact your USG Technical Representative.
PRODUCT | GYPSUM FLOOR REPAIR
--- | ---
**CONSOLIDATE**
USG Durock™ Fusion™ Primer | If the surface is soft, chalky and/or a low-strength gypsum underlayment, then a liberal coating of USG Durock™ Fusion Primer over the entire gypsum surface – including any exposed plywood or OSB – is required. The primer soaks into the gypsum mass and once cured, provides a sealed surface as well as strengthens the gypsum where it has penetrated.

**RESURFACE - TROWELABLE SOLUTION**
USG Durock™ Tuf-Skim™ Floor Patch

1. Solid existing gypsum underlayment or USG Durock™ Fusion-treated surface
2. Trowel in USG Durock™ Tuf-Skim Floor Patch
3. See Surface Sealing below
4. Apply floor-covering adhesive
5. Apply new floor covering

**RESURFACE - POURABLE SOLUTION**
USG Durock™ Multi-Use Self-Leveling Underlayment

1. Prepare existing compromised gypsum underlayment by removing adhesive and loose debris
2. Apply USG Durock™ Fusion Primer
3. Pour a recommended USG Durock™ Self-Leveling Underlayment
4. See Surface Sealing below
5. Apply floor covering adhesive
6. Apply new floor covering

USG Durock™ Quik-Top™ White & Gray Self-Leveling Underlayment

USG Durock™ Quik-Top™ White FR & Gray FR Self-Leveling Underlayment

**SURFACE SEALING**
USG Durock™ Primer-Sealer | USG Durock™ Multi-Use Self-Leveling Underlayment must be sealed with USG Durock™ Primer-Sealer prior to floor covering adhesive application. USG Durock™ Tuf-Skim Floor Patch and USG Durock™ Quik-Top Underlayments may not require priming. Follow floor-covering manufacturers’ recommendations for surface-sealing requirements. If the floor-covering or adhesive manufacturer requirements are more stringent, their requirements take precedence. For tile applications using Portland cement-based mortars over USG Durock™ Tuf-Skim Floor Patch, Multi-Use Self-Leveling Underlayment or Quik-Top Self-Leveling Underlayment, an application of USG Durock™ Primer-Sealer is required.

**Note**
1. Allow USG Durock™ Fusion Primer to cure for a minimum of 4 hours, but not more than 8 hours, before installation of the recommended USG Durock™ Self-Leveling Underlayment. Underlayment application after 8 hours will require an application of USG Durock™ Primer-Sealer prior to pouring.
CONTACT INFORMATION
United States Gypsum Company
550 West Adams Street
Chicago, IL 60661

PRODUCT INFORMATION
See usgperformanceflooring.com for the most up-to-date product information.

CUSTOMER SERVICE
800 621-9523

TECHNICAL SERVICE
800 USG.4YOU (874-4968)

WEBSITES
usgperformanceflooring.com
usg.com/floorprep
usg.com/repair

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SAFETY FIRST!
Follow good safety and industrial hygiene practices during handling and installation of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read SDS and related literature on products before specification and/or installation.