USG PERFORMANCE FLOORING PORTFOLIO BROCHURE

UNDERLAYMENTS | PRIMERS AND SEALERS | SOUND ATTENUATION | MOISTURE MITIGATION | ACCESSORIES | PATCHES AND SKIM COATS

USG Durock™ Brand Quik-Top™ White Self-Leveling Underlayment
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*NOTE* Series may include Green, Fiber-Reinforced (FR), FR Green, Pro and/or Pre-Sanded products

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See product submittals on usgperformanceflooring.com for detailed application instructions.
# UNDERLAYMENT SELECTOR CHART

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| USG Durock™ Multi-Use Series              | 3,500 - 4,500 psi (24.1 - 31.0 MPa)       | X          |
| USG Durock™ Surface™ Series               | 4,500 - 5,500 psi (31.0 - 37.9 MPa)       | X          |
| USG Durock™ UltraCap™ Series              | 4,500 - 5,500 psi (31.0 - 37.9 MPa)       | X          |
| USG Durock™ Quik-Cover™                   | 5,000 - 6,000 psi (34.5 - 41.4 MPa)       | X          |
| USG Durock™ PWT™ Pro                     | 5,000 - 7,000 psi (34.5 - 48.3 MPa)       | X          |
| USG Durock™ Speed™                       | 6,000 - 7,000 psi (41.4 - 48.3 MPa)       | X          |
| USG Durock™ EcoCap™                      | 6,000 - 7,000 psi (41.4 - 48.3 MPa)       | X          |
| USG Durock™ Proflow™ Series               | 6,000 - 8,000 psi (41.4 - 55.2 MPa)       | X          |
| USG Durock™ Quik-Top™ Series              | 7,000 - 10,000 psi (48.3 - 68.9 MPa)      | X          |

**Note**
- USG Levelrock® Brand engineered cementitious underlayments are mixed with sand and water at the job site to yield a lightweight underlayment with a smooth and monolithic surface.
- USG Durock™ Brand self-leveling underlayments are blended with sand at the factory and mixed with water at the job site.
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<td>2,500 - 3,200 psi (17.2 - 22.1 MPa)</td>
<td>X</td>
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<tr>
<td>USG Levelrock® 3500 Series</td>
<td>3,500 - 4,500 psi (24.1 - 31.0 MPa)</td>
<td>X</td>
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<tr>
<td>USG Levelrock® Commercial RH Series</td>
<td>3,500 - 4,500 psi (24.1 - 31.0 MPa)</td>
<td>X</td>
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<tr>
<td>USG Levelrock® UltraArmor™ Series</td>
<td>3,500 - 5,000 psi (24.1 - 34.5 MPa)</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td>USG Levelrock® 4500 Series</td>
<td>4,000 - 5,000 psi (27.6 - 34.5 MPa)</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
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<tr>
<td>USG Levelrock® CSD® Early Exposure™ Series</td>
<td>3,500 - 5,000 psi (24.1 - 34.5 MPa)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

| USG Durock™ Multi-Use Series      | 3,500 - 4,500 psi (24.1 - 31.0 MPa) | X        |                      |            | X            | X                     | X            | X                |
| USG Durock™ Surface™ Series       | 4,500 - 5,500 psi (31.0 - 37.9 MPa) | X        | X                     |            | X            | X                     | X            | X                |
| USG Durock™ UltraCap™ Series      | 4,500 - 5,500 psi (31.0 - 37.9 MPa) | X        | X                     |            | X            | X                     | X            | X                |
| USG Durock™ Quik-Cover™ Series    | 5,000 - 6,000 psi (34.5 - 41.4 MPa) | X        | X                     | X          | X            | X                     | X            | X                |
| USG Durock™ PWT™ Pro              | 5,000 - 7,000 psi (34.5 - 48.3 MPa) | X        | X                     | X          | X            | X                     | X            | X                |
| USG Durock™ Speed™                | 6,000 - 7,000 psi (41.4 - 48.3 MPa) | X        | X                     | X          | X            | X                     | X            | X                |
| USG Durock™ EcoCap™               | 6,000 - 7,000 psi (41.4 - 48.3 MPa) | X        | X                     | X          | X            | X                     | X            | X                |
| USG Durock™ Proflow™ Series       | 6,000 - 8,000 psi (41.4 - 55.2 MPa) | X        | X                     | X          | X            | X                     | X            | X                |
| USG Durock™ Quik-Top™ Series      | 7,000 - 10,000 psi (48.3 - 68.9 MPa) | X        | X                     | X          | X            | X                     | X            | X                |

## ICON LEGEND

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

- **Fiber-Reinforced (FR) Underlayments**: How do you improve USG underlayments? By reinforcing them, USG Fiber Reinforced (FR) engineered cementitious underlayments 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.
USG PERFORMANCE FLOORING PORTFOLIO

USG Performance Flooring Products are all you need to create or renovate floors that will stand the test of time. Our complete line of USG Levelrock® Brand and USG Durock™ Brand high-strength floor underlayments include Low Prep, Fiber Reinforced (FR) and Green formulations. Durable primers and sealers, patches and skim coats, innovative moisture mitigation and superior sound attenuation products complete UL Classified fire-rated assemblies.

USG Levelrock Brand products are exclusively available through and installed by USG Levelrock Authorized Applicators, USG Durock™ Brand products are available nationwide through our distribution network. An extended warranty may apply when using USG Performance Flooring products in a system application, contact USG for further details.

Install the right floor the first time.

ICON LEGEND CONT.

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

High Recycled Content: USG Levelrock Green floor underlayments 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™ EcoCap™ Self-Leveling Underlayment contains 75% recycled content in the cementitious binder and USG Durock™ EXG™ Concrete Repair Patch contains 65% recycled content in the cementitious binder.

UL Classified: in 135+ 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 underlayments 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.
UNDERLAYMENTS

USG LEVELROCK® 2500 FLOOR UNDERLAYMENT Series

- Fast application, fast-setting allows for return of light trade traffic within hours
- Industry’s most economical, highest compressive strength in class
- Ideal for wood-frame and multi-family construction
- UL designs available up to 2-hour fire rating
- Smooth, crack-resistant surface
- Helps maximize sound isolation between floors/units
- Also offered in pre-sanded formulation
- GREENGUARD Gold Certified for low chemical emissions

USG LEVELROCK® 3500 FLOOR UNDERLAYMENT Series

- Fast application, fast-setting allows for return of light trade traffic within hours
- Ideal for wood frame, renovation, hotel/motel and light-commercial construction
- Meets vinyl industry commercial performance requirements
- UL designs available up to 2-hour fire rating
- Smooth, crack resistant surface
- Helps maximize sound isolation between floors/units
- Also offered in pre-sanded formulation
- GREENGUARD Gold Certified for low chemical emissions

USG LEVELROCK® 4500 FLOOR UNDERLAYMENT Series

- Innovative, self-sealing technology
- Fast application, fast-setting allows for return of light trade traffic within hours
- High compressive strength—stands up to commercial and institutional use
- Ideal for renovating concrete subfloors—can be applied at various thicknesses
- Smooth, crack-resistant surface
- Also offered in pre-sanded formulation
- GREENGUARD Gold Certified for low chemical emissions

USG LEVELROCK® COMMERCIAL RH FLOOR UNDERLAYMENT Series

- Commercial poured floor underlayment for radiant heat systems
- Fast application, fast-setting allows for return of light trade traffic within hours
- Meets vinyl industry commercial specifications
- Smooth, crack-resistant surface
- Helps maximize sound isolation between floors/units
- GREENGUARD Gold Certified for low chemical emissions
**UNDERLAYMENTS**

**USG LEVELROCK® RH FLOOR UNDERLAYMENT Series**

- Premium poured floor underlayment for radiant heat systems
- Fast application, fast-setting allows for return of light trade traffic within hours
- UL designs available up to 2-hour fire rating
- Smooth, crack-resistant surface • Helps maximize sound isolation between floors/units
- GREENGUARD Gold Certified for low chemical emissions

**USG LEVELROCK® CSD® EARLY EXPOSURE™ FLOOR UNDERLAYMENT Series**

- Premium engineered gypsum cement for early installation over Corrugated Steel Deck
- Up to 55% lighter than 3 in. of conventional concrete
- Streamlines trade scheduling—can be installed early in the building’s construction schedule
- Increases rentable/sellable square footage on same footprint
- Allows trade traffic to resume the next day (conventional poured concrete requires 7–10 days)
- Classified as to fire resistance and non-combustibility
- GREENGUARD Gold Certified for low chemical emissions

**USG LEVELROCK® ULTRAARMOR™ FLOOR UNDERLAYMENT Series**

- Innovative, hybrid cementitious formula used as a traditional underlayment with wear surface qualities equal to concrete
- Can be installed over wood frame, radiant heat (RH), corrugated steel deck, pre-cast concrete or concrete structures
- Meets vinyl industry commercial performance requirements
- Can be dyed to create unique aesthetic designs
- No mechanical preparation required for most applications
- Classified as to fire resistance and non-combustibility
- GREENGUARD Gold Certified for low chemical emissions

**USG LEVELROCK® PRE-POUR™ LIQUID UNDERLAYMENT**

- First of its kind, dustless liquid gypsum slurry
- Ideal for pre-pouring underneath tubs and in chase wall areas in multi-family construction
- Convenient; easily applied over wood subfloors
- Fast setting with use of USG Levelrock® Pre-Pour™ Liquid Activator
## UNDERLAYMENTS

### USG DUROCK™ ECOCAP™ SELF-LEVELING UNDERLAYMENT

- Ideal over concrete and wood subfloors
- Reduces carbon footprint by 50% compared to Portland cement or calcium aluminate cement products
- Tile in as little as four hours, apply other coverings in as little as 16 hours
- Featheredge to 2 in. thick, up to 5 in. when extended
- No mechanical preparation required for most applications
- Compressive strength of 6,000 psi
- Lower surface pH enhances compatibility with floor-covering adhesives
- GREENGUARD Gold Certified for low chemical emissions

### 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™ 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
## UNDERLAYMENTS

### USG DUROCK™ QUIK-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™ QUIK-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

- Calcium aluminate-based
- Innovative self-drying formulation
- Tile in as little as 4 hours; other coverings in as little as 16 hours
- Featheredge to 2 in. thick, up to 5 in. when extended
- Compressive strength of 7,000 psi
- May be used as a decorative wear surface with an appropriate coating system
- GREENGUARD Gold Certified for low chemical emissions
UNDERLAYMENTS

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

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
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.

GYPSUM UNDERLAYMENT REPAIR PROTOCOL – TROWELABLE SOLUTION

1. Prepare existing underlayment by removing adhesive and loose debris
2. Trowel in USG Durock™ Brand Tuf-Skim™ Floor Patch
3. Apply USG Durock™ Brand Primer-Sealer (Recommended*)
4. Apply floor covering adhesive
5. Apply new floor covering

GYPSUM UNDERLAYMENT REPAIR PROTOCOL – POURABLE SOLUTION

1. Prepare existing underlayment by removing adhesive and loose debris
2. Apply USG Durock™ Brand Fusion™ Primer
3. Pour USG Durock™ Brand Quik-Top™ or Quik-Top™ FR Self-Leveling Underlayment
4. Apply USG Durock™ Brand Primer-Sealer (Recommended*)
5. Apply floor covering adhesive
6. Apply new floor covering

Note: *See USG Rehabilitation Guidelines for Damaged Gypsum Underlayments (CB822) for more information.
## PRIMERS AND SEALERS

<table>
<thead>
<tr>
<th>Product</th>
<th>Subfloor Type</th>
<th>Dilution Rate - Product: Water</th>
<th>Application Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Levelrock® Acrylic Concrete Primer</td>
<td>Concrete or Precast Concrete</td>
<td>1:4 (1st coat)</td>
<td>200 sq. ft./gal (4.9 m²/L)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1:1 (2nd coat)</td>
<td>300 sq. ft./gal (7.4 m²/L)</td>
</tr>
<tr>
<td>USG Levelrock® All Purpose Sealer</td>
<td>USG Levelrock® Floor Underlayments</td>
<td>1:4</td>
<td>300 sq. ft./gal (7.4 m²/L)</td>
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<tr>
<td>USG Levelrock® CSD® Primer</td>
<td>Corrugated Steel Deck</td>
<td>Undiluted</td>
<td>300 sq. ft./gal (7.4 m²/L)</td>
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<tr>
<td>USG Levelrock® Wood Floor Primer - Ready Mixed</td>
<td>Wood</td>
<td>Undiluted</td>
<td>400 sq. ft./gal (9.8 m²/L)</td>
</tr>
<tr>
<td>USG Levelrock® Wood Floor Primer - Concentrate</td>
<td>Wood</td>
<td>1:1</td>
<td>400 sq. ft./gal (9.8 m²/L)</td>
</tr>
<tr>
<td>USG Levelrock® Wood Floor Primer - Powdered</td>
<td>Wood</td>
<td>6 lbs. (2.7 kg): 5 gal (18.9 L)</td>
<td>400 sq. ft./gal (9.8 m²/L)</td>
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<tr>
<td>USG Durock™ ESB™ Primer</td>
<td>Concrete or Precast Concrete</td>
<td>Undiluted (1 part A + 1 part B)</td>
<td>100-160 sq. ft./gal (2.5 - 3.9 m²/L)</td>
</tr>
<tr>
<td>USG Durock™ EW2™ Primer</td>
<td>Concrete or Precast Concrete</td>
<td>Undiluted (1 part A + 1 part B)</td>
<td>100-160 sq. ft./gal (2.5 - 3.9 m²/L)</td>
</tr>
<tr>
<td>USG Durock™ Fusion™ Primer</td>
<td>Gypsum Underlayment</td>
<td>1 part A + 1 part B: 4.3 gal (16.3 L)</td>
<td>150-200 sq. ft./gal (3.7 - 4.9 m²/L)</td>
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<tr>
<td>USG Durock™ Primer - Sealer</td>
<td>Wood</td>
<td>1:2</td>
<td>300-350 sq. ft./gal (7.4 - 8.6 m²/L)</td>
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<td></td>
<td>Shot Blasted Concrete</td>
<td>1:2</td>
<td>200-250 sq. ft./gal (4.9 - 6.1 m²/L)</td>
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<tr>
<td></td>
<td>Non-Porous</td>
<td>Undiluted</td>
<td>400-450 sq. ft./gal (9.8 - 11.0 m²/L)</td>
</tr>
<tr>
<td></td>
<td>As a surface sealer for USG Durock™ Multi-Use Self-Leveling Underlayment</td>
<td>1:4</td>
<td>400-450 sq. ft./gal (9.8 - 11.0 m²/L)</td>
</tr>
</tbody>
</table>
PRIMERS AND SEALERS

USG LEVELROCK® ACRYLIC CONCRETE PRIMER

- High-quality floor underlayment primer concentrate
- For priming and sealing concrete subfloors
- Enhances bond between substrate and underlayment
- Low odor

USG LEVELROCK® ALL PURPOSE SEALER

- All purpose sealer and bonding agent
- Seals USG Levelrock engineered cementitious underlayments and USG Durock™ self-leveling underlayments
- Enhances bond between floor-covering adhesive and underlayment
- One-coat application
- Applied by USG Levelrock authorized applicators or floor-covering installers

USG LEVELROCK® CSD™ PRIMER

- High-quality floor underlayment primer for use over corrugated galvanized steel decks
- Blue tint ensures uniform application
- Low odor
- Fast-drying
- Resists mold
- Enhances bond between substrate and underlayment

USG LEVELROCK® WOOD PRIMER – READY MIXED, CONCENTRATE & POWDERED

- High-quality floor underlayment primer
- Enhances bond between subfloor and underlayment
- Low odor
- Fast-drying
- Resists mold
PRIMERS AND SEALERS

**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**
- Three-component, 36% solids, 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
- Moisture tolerant up to 8 lbs./1000 sq. ft./24 hours per ASTM F1869
- 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
SELECTOR CHART

USG Levelrock sound- and fire-rated floor systems provide IIC, STC, ASTC and FIIC values that help meet or exceed code requirements for sound attenuation. For specific ratings, see USG Levelrock® & USG Durock™ Sound Systems Fire & Sound Rating Guide (IG1685), visit usgperformanceflooring.com or contact your USG Alcorp Technical Representative at 817 329.1808.

SOUND ATTENUATION

<table>
<thead>
<tr>
<th>Product</th>
<th>Subfloor</th>
<th>Sound Mat/Board Thickness</th>
<th>Minimum USG Underlayment Thickness¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Levelrock® D20 PLUS™ Low Profile Sound Mat</td>
<td>Concrete, structural panels</td>
<td>0.10 in. (3 mm)</td>
<td>1/2 in. (13 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SAM-CSD™ Sound Attenuation Mat</td>
<td>Corrugated steel deck</td>
<td>3/8 in. (10 mm)</td>
<td>1-3/8 in. (35 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SAM-N12™ Sound Attenuation Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>0.125 in. (3 mm)</td>
<td>3/4 in. (19 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SAM-N12™ Ultra Sound Attenuation Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>3/16 in. (5 mm)</td>
<td>3/4 in. (19 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SAM-N25™ Sound Attenuation Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>0.25 in. (6 mm)</td>
<td>1 in. (25 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SAM-N25™ Ultra Sound Attenuation Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>5/16 in. (8 mm)</td>
<td>1 in. (25 mm)</td>
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<tr>
<td>USG Levelrock® SAM-N40™ Sound Attenuation Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>0.40 in. (10 mm)</td>
<td>1 in. (25 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SAM-N40™ Ultra Sound Attenuation Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>7/16 in. (11 mm)</td>
<td>1 in. (25 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SAM-N75™ Sound Attenuation Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>3/4 in. (19 mm)</td>
<td>1-1/2 in. (38 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SAM-N75™ Ultra Sound Attenuation Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>11/16 in. (17 mm)</td>
<td>1-1/2 in. (38 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SRB™ Sound Reduction Board</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>3/8 in. (10 mm)</td>
<td>3/4 in. (19 mm)</td>
</tr>
<tr>
<td>USG Levelrock® SRM-25™ Ready Seam™ Sound Reduction Mat</td>
<td>Wood, concrete, corrugated steel deck, structural panels</td>
<td>0.25 in. (6 mm)</td>
<td>1 in. (25 mm)</td>
</tr>
</tbody>
</table>

Notes
1. USG Levelrock® or USG Durock™ Brand gypsum underlayment
SOUND ATTENUATION

USG LEVELROCK® D20™ PLUS LOW PROFILE SOUND MAT
- Low profile sound system for concrete decks
- Delta IIC values help meet code requirements for sound attenuation
- Achieves sound attenuation with minimal height differential
- Ideal for residential units with concrete subfloors
- Applied by USG Levelrock applicators

USG LEVELROCK® SAM-CSD™ SOUND ATTENUATION MAT
- Premium sound mat for use over corrugated steel deck
- STC and IIC values help meet or exceed code requirements for sound attenuation
- Specially engineered fabric eliminates the need to pre-fill the flutes
- Robinson tested for system durability
- May contribute towards LEED® credits
- Installed by USG Levelrock authorized applicators

USG LEVELROCK® SAM-N™ SOUND ATTENUATION MAT Series
- Premium sound mats available in various thicknesses:
  USG Levelrock® SAM-N12™ (0.125 in. (3.2 mm)),
  SAM-N25™ (0.25 in. (6.35 mm)), SAM-N40™ (0.40 in. (10.2 mm))
  and SAM-N75™ (¾ in. (19 mm)) Sound Attenuation Mat
- STC and IIC values help meet or exceed code requirements for sound attenuation
- Can be used over a variety of subfloors
- Robinson tested for system durability
- May contribute towards LEED® credits
- Installed by USG Levelrock authorized applicators
SOUND ATTENUATION

USG LEVELROCK® SAM-N™ ULTRA SOUND ATTENUATION MAT Series

- Provides superior IIC ratings for demanding sound environments
- Three layers for a higher Delta performance
- 3/16 in. (5 mm), 5/16 in. (8 mm), 7/16 in. (11 mm) and 11/16 in. (17 mm) profile
- STC and IIC values exceed code requirements for sound attenuation
- Can be used over a variety of subfloors
- May contribute towards LEED® credits
- Installed by USG Levelrock authorized applicators

USG LEVELROCK® SRB™ SOUND REDUCTION BOARD

- Economical, high-performance sound reduction board
- Provides excellent sound control
- Sound systems meet or exceed International Building Code requirements for 50 IIC and 50 STC
- Qualifies for LEED® credits
- Water-resistant, smooth coated finish
- 1-1/8 in. total system thickness minimizes floor transitions
- Robinson tested for system durability

USG LEVELROCK® SRM-25™ READY SEAM™ SOUND REDUCTION MAT

- Superior performance sound reduction mat
- Use between floors and units to achieve excellent sound control
- Only 4.6% contact with floor surface
- May contribute towards LEED® credits
- 1-1/4-in. total system thickness minimizes floor transitions
- Ideal for wood-joist, corrugated steel deck and concrete floor systems
- Robinson tested for system durability

USG LEVELROCK® PERIMETER ISOLATION STRIP

- Lightweight foam strips for use with USG Levelrock® sound systems
- Isolates USG Levelrock® floor systems to reduce horizontal transmission of airborne and impact noise
- Minimizes the effect of expansion and cracking on outside corners of USG underlayments
- Available in 2.5 in. and 4 in. widths
- Installed by USG Levelrock authorized applicators
**MOISTURE MITIGATION**

**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): ≤ .05
- 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
- Low VOC emissions

**ACCESSORIES**

**USG LEVELROCK™ CRACK SUPPRESSION MAT (CSM)**

- Polymeric-reinforcement crack suppression mat
- Can be used over a variety of subfloors
- May contribute towards LEED® credits
- Installed by USG Levelrock authorized applicators

**USG LEVELROCK™ NO-GO™ HYDRATION INHIBITOR**

- Superior set-time retardation liquid
- Effectively slows setting time/lengthens working time of floor underlayments
- For use with USG Levelrock engineered cementitious underlayments
- Applied by USG Levelrock authorized applicators

**USG LEVELROCK® RH ACCELERATOR**

- Accelerant for first pour on radiant heat projects
- For use with USG Levelrock RH and Commercial RH Floor Underlayments
- Reduces set time on the first pour (lift) on radiant heat projects
- Applied by USG Levelrock authorized applicators

1. Defined as a “Low Emitting” material per California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010 (CA Section 01350) for school classroom, single-family residence and private-office modeling scenarios, and meets USGBC's LEED® v4 emission requirements.
### PATCHES AND SKIM COATS

<table>
<thead>
<tr>
<th>Product</th>
<th>Package</th>
<th>Approximate Coverage at 1/8 in. (3.2 mm)</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(a)</td>
<td>9 lb. (4.0 kg) bag or pail</td>
<td>38 sq. ft. (3.5 m²)</td>
<td>FE - 1/2 in. (13 mm); any thickness in small, well-defined areas</td>
<td>10 - 15(d)</td>
<td>15 - 25</td>
</tr>
<tr>
<td>USG Durock™ EXG™ Concrete Repair Patch</td>
<td>50 lb. (22.7 kg) bag</td>
<td>40 sq. ft. (3.7 m²)</td>
<td>FE - 12 in.²</td>
<td>45 - 60</td>
<td></td>
</tr>
<tr>
<td>USG Durock™ NE Floor Patch(a)</td>
<td>25 lb. (11.3 kg) bag</td>
<td>39 sq. ft. (3.6 m²)</td>
<td>FE - 1/2 in. (13 mm)</td>
<td>10 - 20</td>
<td>60 - 70</td>
</tr>
<tr>
<td>USG Durock™ Quik-Ramp™ Floor Patch</td>
<td>50 lb. (22.7 kg) bag</td>
<td>55 sq. ft. (5.1 m²)</td>
<td>FE - 5 in.²</td>
<td>60 - 70</td>
<td></td>
</tr>
<tr>
<td>USG Durock™ Tuf-Skim™ Floor Patch(a)</td>
<td>25 lb. (11.3 kg) bag</td>
<td>48 sq. ft. (4.5 m²)</td>
<td>FE - 1/2 in. (13 mm); any thickness in small, well-defined areas</td>
<td>10 - 25</td>
<td>30 - 60</td>
</tr>
<tr>
<td>USG Durock™ X Floor Patch(a)</td>
<td>18 lb. (8.1 kg) bag</td>
<td>47 sq. ft. (4.4 m²)</td>
<td>FE - 1/2 in. (13 mm)</td>
<td>10 - 15</td>
<td>35 - 45</td>
</tr>
</tbody>
</table>

**Notes**

a. May be used with USG Durock™ Matrix™ Bond Enhancer.
b. FE = featheredge
c. For thicknesses exceeding 2 in. (51 mm), aggregate is required.
d. May be retempered multiple times without addition of water.
e. For thicknesses exceeding 3 in. (76 mm), 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.
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

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

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
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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