



**USG PERFORMANCE FLOORING  
PORTFOLIO BROCHURE**

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



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See product submittals on [usg.com](http://usg.com) for detailed application instructions.





# 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

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

# UNDERLAYMENT PERFORMANCE SELECTOR CHART

USG Underlayments	Approximate Compressive Strength	Low Prep 	Fiber-Reinforced (FR) 	Fast Track 	Wear Surface 	High Recycled Content 	UL Classified 	GREEN GUARD Gold 	Pro 
USG Levelrock® 2500 Series	2,000 - 3,200 psi (13.8 - 22.1 MPa)	X	X			X	X	X	
USG Levelrock® 3500 Series	3,500 - 4,500 psi (24.1 - 31.0 MPa)	X	X			X	X	X	
USG Levelrock® 4500 Series	4,000 - 5,000 psi (27.6 - 34.5 MPa)	X	X				X	X	
USG Levelrock® CSD® Early Exposure™ Series	3,500 - 5,000 psi (24.1 - 34.5 MPa)	X	X				X	X	
USG Durock™ Multi-Use Series	3,500 - 4,500 psi (24.1 - 31.0 MPa)	X				X	X	X	X
USG Durock™ UltraCap® Series	4,500 - 5,500 psi (31.0 - 37.9 MPa)	X			X			X	X
USG Durock™ PWT™ Pro	5,000 - 7,000 psi (34.5 - 48.3 MPa)	X			X		X	X	X
USG Durock™ Proflow™	6,000 - 8,000 psi (41.4 - 55.2 MPa)	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	

## ICON LEGEND CONT.

-  **Moisture Tolerant** Approved for high-moisture applications; designated products help mitigate moisture in concrete subfloors.
-  **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.
-  **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 underlayments and floor patches.
-  **GREENGUARD Gold** This product has been tested and qualifies as a “Low Emitting” material per California Department of Public Health CDPH/EHLB/Standard Method (CA Section 01350) for school classroom and private office modeling scenarios, and contributes towards 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.

# UNDERLAYMENT SELECTOR CHART

USG Underlayments	Approximate Compressive Strength	MasterSpec
USG Levelrock® 2500 Series	2,000 - 3,200 psi (13.8 - 22.1 MPa)	X
USG Levelrock® 3500 Series	3,500 - 4,500 psi (24.1 - 31.0 MPa)	X
USG Levelrock® 4500 Series	4,000 - 5,000 psi (27.6 - 34.5 MPa)	X
USG Levelrock® CSD® Early Exposure™ Series	3,500 - 5,000 psi (24.1 - 34.5 MPa)	
USG Durock™ Multi-Use Series	3,500 - 4,500 psi (24.1 - 31.0 MPa)	X
USG Durock™ UltraCap™ Series	4,500 - 5,500 psi (31.0 - 37.9 MPa)	X
USG Durock™ PWT™ Pro	5,000 - 7,000 psi (34.5 - 48.3 MPa)	
USG Durock™ Proflow™	6,000 - 8,000 psi (41.4 - 55.2 MPa)	
USG Durock™ Quik-Top™ Series	7,000 - 10,000 psi (48.3 - 68.9 MPa)	X

**Note**

- USG Levelrock® Brand engineered cementitious underlayments and USG Durock™ Pro Series products 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.

BUILDING TYPE						SUBSTRATE TYPE							
Single-Family	Multi-Family	Light-Commercial	Commercial/Retail/Office	Hotel/Motel	Institutional	Plywood/OSB/Heavy Wood Plank	USG Structural Panels	Corrugated Steel Deck	Concrete/Concrete Deck	Concrete Repair/Leveling	Radiant Heat	Existing Gypsum	
X	X	X				X			X	X	X	X	
X	X	X		X		X	X		X	X	X	X	
		X	X	X	X		X		X	X	X	X	
								X	X		X		
X	X	X	X	X	X	X	X		X	X	X	X	
		X	X	X	X	X			X	X			
		X	X	X	X				X	X			
X	X	X	X	X	X	X			X	X		X	
X	X	X	X	X	X	X	X		X	X	X	X	

## UNDERLAYMENTS/TOPPINGS

### 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 - 2000 to 3200 psi
- 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 fiber-reinforced (FR) and green formulations
- GREENGUARD Gold Certified for low VOC emissions

### USG LEVELROCK® 3500 FLOOR UNDERLAYMENT Series



- Fast application, fast-setting allows for return of light trade traffic within hours
- Superior performance for higher-traffic areas in both wood-frame and light commercial construction - 3500 to 4500 psi
- 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 fiber-reinforced (FR) and green formulations
- GREENGUARD Gold Certified for low VOC emissions

### USG LEVELROCK® 4500 FLOOR UNDERLAYMENT Series



- Innovative, self-sealing technology
- Fast application, fast-setting allows for return of light trade traffic within hours
- Premium engineered underlayment with a high compressive strength for commercial and institutional use - 4500 to 5500 psi
- Smooth, crack-resistant surface
- May be used as a decorative wear surface with an appropriate coating system
- Also offered in fiber-reinforced (FR) formulation
- GREENGUARD Gold Certified for low VOC 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
- Allows trade traffic to resume the next day (conventional poured concrete requires 7-10 days)
- Also offered in fiber-reinforced (FR) formulation
- GREENGUARD Gold Certified for low VOC emissions



# UNDERLAYMENTS/TOPPINGS

## USG DUROCK™ MULTI-USE SELF-LEVELING UNDERLAYMENT Series



- Versatile, superior poured underlayment for multiple applications
- UL Classified and specified for use in 130+ assemblies
- Fast application and fast setting allows for return of light traffic within hours
- No mechanical preparation required for most applications
- Ideal for wood frame, renovation and light commercial construction and radiant heat installations
- Meets resilient floor industry specifications for underlayment under commercial goods (ASTM F710)
- Exceptionally smooth, crack-resistant surface
- Helps maximize sound isolation between floors/units
- Also offered in an un-sanded formulation
- GREENGUARD Gold Certified for low VOC emissions

## USG DUROCK™ PROFLOW™ SELF-LEVELING UNDERLAYMENT



- 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 3 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 VOC emissions

## UNDERLAYMENTS/TOPPINGS

### USG DUROCK™ PWT™ PRO SELF-LEVELING TOPPING LP WS



- Self-leveling, polishable wear topping
- Specially formulated to suspend and expose coarse aggregates during the polishing process
- Hybrid un-sanded 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 VOC emissions

### USG DUROCK™ QUIK-TOP™ SELF-LEVELING UNDERLAYMENT Series LP FR FT WS



- Premium poured underlayment product with self-drying technology
- UL Classified and specified for use in 130+ assemblies
- No mechanical preparation required for most applications
- Apply floor covering in as little as 15 hours after underlayment application
- Compressive strength up to 10,000 psi (68.9 MPa) with self-sealing technology
- Featheredge to 3 in. (76 mm) thickness
- Suitable for most floor coverings
- Can be stained, polished or used by itself as a finished floor with an appropriate coating system
- Available in white or gray and white fiber-reinforced (FR) formulations
- GREENGUARD Gold Certified for low VOC emissions

### USG DUROCK™ ULTRACAP® SELF-LEVELING UNDERLAYMENT Series LP WS



- Portland cement-based poured underlayment; ideal over concrete and wood subfloors
- Fast application and fast setting allow for quick return of normal trade traffic
- May be used as a decorative wear surface with an appropriate coating system
- Can be stained integrally or topically using a tested concrete stain or dye
- Smooth, crack-resistant surface
- No mechanical preparation required for most applications
- Also offered in un-sanded formulation
- GREENGUARD Gold Certified for low VOC emissions

# SELECTOR CHART

## PATCHES AND SKIM COATS

Product	Package	Approximate Coverage at 1/8 in. (3.2 mm)	Thickness Range <sup>(b)</sup>	Working Time (min.)	Install Flooring (min.) <sup>(d)</sup>
USG Durock™ Advanced Skim Coat™ Floor Patch <sup>(a)</sup>	9 lb. (4.0 kg) bag	38 sq. ft. (3.5 m <sup>2</sup> )	FE - 1/2 in. (13 mm); any thickness in small, well-defined areas	10 - 15 <sup>(c)</sup>	15 - 25
USG Durock™ Advanced Skim Coat™ Plus Floor Patch	10 lb. (4.5 kg) bag	36 sq. ft. (3.3 m <sup>2</sup> )	FE - 1/2 in. (13 mm); any thickness in small, well-defined areas	10 - 15 <sup>(c)</sup>	15 - 25
USG Durock™ NE Floor Patch <sup>(a)</sup>	50 lb. (22.6 kg) bag	39 sq. ft. (3.6 m <sup>2</sup> )	FE - 1/2 in. (13 mm)	10 - 20	60 - 70
USG Durock™ Tuf-Skim™ Floor Patch <sup>(a)</sup>	25 lb. (11.3 kg) bag	48 sq. ft. (4.5 m <sup>2</sup> )	FE - 1/2 in. (13 mm); any thickness in small, well-defined areas	10 - 25	30 - 60

### Notes

- a. May be used with USG Durock™ Matrix™ Bond Enhancer.
- b. FE = featheredge
- c. May be retempered multiple times without addition of water.
- d. 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



- Versatile floor patch for use over various subfloors including concrete, wood and gypsum
- Provides a smooth finish
- Fast drying – 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
- May be retempered multiple times without the addition of water to extend working time
- 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 VOC emissions

### USG DUROCK™ ADVANCED SKIM COAT™ PLUS FLOOR PATCH



- Highly moisture-tolerant skim coat and floor patch
- Provides a smooth finish over concrete 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
- No priming necessary for most applications

### USG DUROCK™ NE FLOOR PATCH



- Versatile, trowelable cementitious patching compound for skim coating and ramping
- For interior use over concrete and approved wood subfloors
- Fast setting—floor coverings may be installed in as little as one hour
- Featheredge to 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 VOC emissions



**Moisture Tolerant** Approved for high-moisture applications; designated products help mitigate moisture in concrete subfloors.

## PATCHES AND SKIM COATS

### USG DUROCK™ TUF-SKIM™ FLOOR PATCH



- Trowelable high early strength floor repair patch
- UL Classified for use in 130+ assemblies
- Install floor covering in as little as 30 minutes
- Fast-setting with an exceptionally strong bond and no shrinkage
- 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™ MATRIX™ BOND ENHANCER



- High performance bond-enhancing liquid additive
- May be used as an embossing leveler when mixed with USG Durock™ Brand Floor Patches
- Increases flexibility
- Improves adhesion and crack resistance
- Easy to mix and apply
- Improved floor patch coverage rates

# SELECTOR CHART

## PRIMERS AND SEALERS

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

# 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™ Multi-Use Self-Leveling Underlayments
- Can be applied over newly poured USG Levelrock® or USG Durock™ Multi-Use Self-Leveling Underlayments (as soon as the floor can be walked on)
- Enhances bond between floor-covering adhesive and underlayment
- One-coat application
- Applied by USG Levelrock authorized applicators or floor-covering installers

## USG LEVELROCK® WOOD PRIMER - CONCENTRATE & POWDERED



- High-quality floor underlayment primer
- Enhances bond between subfloor and underlayment
- May be used over corrugated steel decks with USG Levelrock CSD Early Exposure Floor Underlayment
- Low odor
- Fast-drying
- Resists mold

# PRIMERS AND SEALERS

## USG DUROCK™ FUSION™ PRIMER



- Two-component waterborne epoxy
- Ideal for surface consolidation of compromised gypsum underlayments
- Superior penetration and tenacious bond to gypsum underlayments
- May be applied to freshly poured USG gypsum-based underlayments two hours after set as a surface treatment
- Meets ASTM C309 requirement for use as a concrete curing compound
- May be used as a urine resistant primer
- Low VOC and low odor
- Fast dry time

## USG DUROCK™ PRIMER-SEALER



- Ideal for use on porous and nonporous concrete subfloors, wood and gypsum underlayment
- Fast drying, single-coat application
- Ready to use (no dilution for nonporous surfaces)
- Enhances bond between substrate and underlayment
- Enhances bond of most adhesives when used as a sealer
- Effective sealer of gypsum-based underlayment prior to application of water-based floor-covering adhesives
- Mildew resistant; no adverse effect on floor-covering adhesives and no staining of finished floor coverings





USG Durock™ Fusion™ Primer application over compromised gypsum underlayment.

# MOISTURE MITIGATION

## USG DUROCK™ COVERPREP MOISTURE VAPOR REDUCER



- Universal low-prep moisture vapor barrier
- For use over concrete; chemically abated slabs, properly secured VCT and ceramic tiles; existing and cut-back adhesives
- Addresses MVER rates up to 14 lbs. per ASTM F1869, up to 25 lbs. with a two-coat application
- No mechanical preparation required for most applications
- Manages up to 14 pH

## USG DUROCK™ RH-100™ MOISTURE VAPOR REDUCER



- Two-part epoxy moisture mitigation system
- For use over concrete subfloors with up to 100% RH and pH up to 14
- 100% solids epoxy mitigation system with zero VOCs
- Exceeds the performance requirements in ASTM F3010
- Perm rating (ASTM E96): <.10



**Moisture Tolerant** Approved for high-moisture applications; designated products help mitigate moisture in concrete subfloors.

# 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 [usg.com](http://usg.com) or contact your local USG Technical Sales Representative.

## SOUND ATTENUATION

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

### Notes

1. USG Levelrock® or USG Durock™ Brand gypsum underlayment

# SOUND ATTENUATION

## USG LEVELROCK® D20 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

## 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

## 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

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



- Premium sound mats for increased sound absorption
- Provides superior IIC ratings for demanding sound environments
- STC and IIC values exceed code requirements for sound attenuation
- Available in various thicknesses: 3/16 in. (5 mm), 5/16 in. (8 mm), 7/16 in. (11 mm) and 11/16 in. (17 mm) profile
- Can be used over a variety of subfloors
- May contribute towards LEED® credits

# SOUND ATTENUATION

## USG LEVELROCK® SAM-N25™ SUPREME SOUND ATTENUATION MAT



- Engineered for the most demanding sound requirements
- Three lightweight layers for increased sound absorption
- STC and IIC values exceed code requirements for sound attenuation
- Ideal for use in cross-laminated timber (CLT) construction
- 5/16 in. (8 mm) profile

## 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
- Water-resistant, smooth coated finish
- 1-1/8 in. total system thickness minimizes floor transitions
- Robinson tested for system durability
- May contribute towards LEED® credits

## 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
- 1-1/4-in. total system thickness minimizes floor transitions
- Ideal for wood-joint, 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® and USG Durock™ floor underlayments and sound systems
- Isolates USG floor preparation systems to reduce horizontal transmission of airborne and impact noise
- Helps minimize effect of gypsum expansion and cracking
- Available in 2.5 in. (64 mm) and 3 in. (76 mm) widths
- Perforated strips allow for easy removal after pour; available in 2.0 in. (51 mm) and 2.5 in. (64 mm)

## FLOORING ADHESIVE

### USG DUROCK™ GENIUS™ FLOORING ADHESIVE



- Universal pressure sensitive floor-covering adhesive with high shear bond
- 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)
- Variable working time – 20 minutes to hours
- Superior coverage rates
- CRI Green Label Plus Certified – low VOCs

## 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

### 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 Floor Underlayments and certain USG Durock™ Self-Leveling Underlayments

### USG LEVELROCK® RH ACCELERATOR



- Accelerant for first pour on radiant heat projects
- For use with USG Levelrock® Brand Floor Underlayments
- Reduces set time on the first pour (lift) on radiant heat projects

# 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. To repair damaged gypsum floors and maintain their fire rating, look to USG.

Our gypsum-based underlayments and floor patches are UL Classified and specified for use in 130+ fire-rated assemblies. We offer both a trowelable and a pourable solution. For detailed instructions, please see *USG Rehabilitation Guidelines for Damaged Gypsum Underlayments* (CB822) at [usg.com](http://usg.com) or contact your USG Technical Sales Representative.

## Step #1: Prepare existing underlayment

- Determine structural soundness
- Scrape and remove adhesives
- Remove loose debris and vacuum

## Step #2: Apply USG Durock™ Brand Fusion™ Primer<sup>1</sup>

- 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.

## Step #3: Resurface

Trowel USG Durock™ Tuf-Skim™ Floor Patch

**OR**

Pour USG Durock™ Quik-Top™ Series or Multi-Use Series Self-Leveling Underlayment

## Step #4: Apply USG Durock™ Brand Primer-Sealer

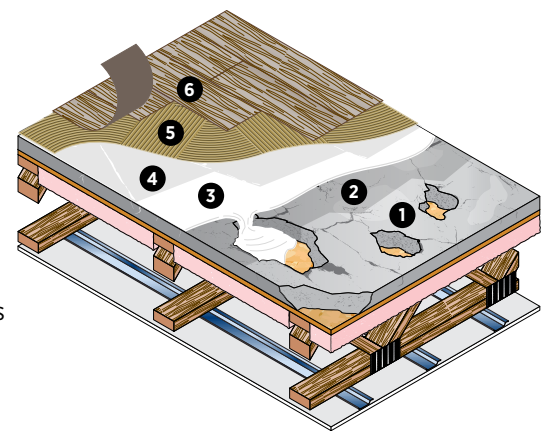
- USG Durock™ Multi-Use Self-Leveling Underlayment must be sealed with USG Durock™ Primer-Sealer prior to floor covering adhesive application.
- For tile applications using Portland cement-based mortars over USG Durock™ Tuf-Skim Floor Patch, USG Durock™ Multi-Use Self-Leveling Underlayment or USG Durock™ Quik-Top™ Self-Leveling Underlayment, an application of USG Durock™ Primer-Sealer is required.
- If the floor-covering or adhesive manufacturer's sealing requirements are more stringent, their requirements take precedence.

## Step #5: Apply floor-covering adhesive

## Step #6: Apply new floor covering

### 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 [usg.com](http://usg.com) for the most up-to-date product information.

## CUSTOMER SERVICE

800 621-9523

## TECHNICAL SERVICE

800 USG.4YOU (874-4968)

## WEBSITES

[usg.com](http://usg.com)

[usg.com/repair](http://usg.com/repair)

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### 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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