

USG  
Tile &  
Flooring  
Solutions



**USG TILE & FLOORING SOLUTIONS  
PORTFOLIO BROCHURE**  
**BACKERBOARDS | UNDERLAYMENTS | ACCESSORIES**

**USG**   
IT'S YOUR WORLD. BUILD IT.®



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## **WE HAVE YOUR BACK.**

For more than 100 years, USG has been a leader in producing innovative products and systems to help build the spaces in which we live, work and play.

Our dedication to the company's core business beliefs—integrity, safety, quality, efficiency, diversity, innovation and service—has helped us lead the industry in delivering the highest quality products, backed by service and support you can depend upon.

This brochure features our USG Durock® and Fiberock® Brand products. Our backerboards, underlayments and accessories set new standards in performance and innovation.

Delivering to you—and builders around the world—not only a choice in materials, but also an underlying confidence for your perfect finish.

## **PARTNERING WITH USG GOES BEYOND THE PRODUCTS.**

At USG, our commitment to innovative building materials is only matched by our commitment to you. From a dedicated sales and support staff to informative training programs, partnering with USG is more than just getting our products in your hands. It's having our people, resources and unmatched service on hand so you can keep moving, keep growing and keep building your world.

### **PEOPLE AND SUPPORT:**

- Experienced and dedicated sales, product marketing and customer service teams
- Local sales representation to provide support and training
- Nationwide architectural sales team
- Active involvement in industry organizations including: ASTM, ANSI, TCNA, NTCA, CTDA, CTEF, MMSA, WFCA, NAFCD, FCICA and IAPMO
- World-class research facility and staff
- National manufacturing and distribution network
- Active online presence

# BACKERBOARDS AND UNDERLAYMENTS



POOL®

DRANO

GUARANTY

# MADE TO STAND STRONG SO YOU CAN REST EASY.

USG offers the most extensive portfolio of backerboard technologies in the industry. No matter which one you choose, it will provide you a durable, moisture- and mold-resistant substrate for your tile for years to come.

- USG DUROCK® BRAND CEMENT BOARD
- USG FIBEROCK® BRAND TILE BACKERBOARD AND UNDERLAYMENT
- USG DUROCK™ BRAND GLASS-MAT TILE BACKERBOARD

## USG DUROCK® BRAND CEMENT BOARD WITH EDGE GUARD™

For more than 30 years, USG Durock® Cement Boards have set the standard for proven performance in the backerboard category. They're water durable, mold resistant and provide a tile bond superior to both fiber-cement boards and bare plywood, making USG Durock® Cement Board the perfect choice for a wide variety of interior and exterior applications.

### BENEFITS:

- Enhanced proprietary edge performance prevents spinouts and crumbling
- Easy to cut and fasten
- 5x the industry standard for tile bond
- Water durable, mold and mildew resistant
- Meets residential and light-commercial performance rating based on Robinson Floor Test (ASTM C627), conducted by the Tile Council of North America (TCNA)
- Lifetime (30-Year) limited warranty





## USG FIBEROCK® BRAND TILE BACKERBOARD AND UNDERLAYMENT

USG Fiberock® Brand Tile Backerboard and Underlayment are the innovative alternatives to traditional cement backers and are both easy to install and wet-area approved. Their unique, fiber-reinforced, uniform composition gives the panels strength and water resistance through to the core with no risk of delamination.

### **BENEFITS:**

- Made from 95% recycled material
- Uniform composition provides both strength and water resistance
- Ideal under tile, stone, vinyl, hardwood flooring, laminate flooring and carpeting
- Superior tile bond—3x industry standard
- Free of resins, adhesives and solvents that might stain a vinyl floor
- Provides a smooth, flat, paintable surface for wall applications
- Easy to cut, fasten and install
- Monolithic core, will not delaminate
- Meets residential and light-commercial performance rating based on Robinson Floor Test (ASTM C627), conducted by the Tile Council of North America (TCNA)
- 20-year, limited warranty



## USG DUROCK™ BRAND GLASS-MAT TILE BACKERBOARD

USG Durock™ Brand Glass-Mat Tile Backerboard is a moisture- and mold-resistant gypsum panel with a fiberglass mat facer and back. The face of the panel is treated with a patented cementitious coating for moisture resistance and enhanced tile bond, making it ideal as a tile substrate for wet areas.

### **BENEFITS:**

- Lightweight and easy to score, snap and fasten
- Moisture- and mold-resistant substrate
- Scores the highest achievable rating (10 out of 10) for mold resistance according to ASTM D3273
- Proprietary coating provides exceptional tile bond performance
- Interior tile for floors, walls and ceilings
- 20-year, limited warranty





**WATERPROOFING  
AND CRACK  
ISOLATION  
MEMBRANES**

# WHAT STANDS ABOVE IS ONLY AS STRONG AS WHAT LIES BELOW.

Because protecting the integrity of your tile installation is important, USG offers solutions that provide water and mold resistance, while delivering high-performance crack isolation in floor installations.

## USG DUROCK™ BRAND UNCOUPLING MAT

The USG Durock™ Brand Uncoupling Mat is a lightweight, high performance crack isolation, waterproofing and vapor management underlayment membrane for use with ceramic tile and natural stone installations in both residential and commercial applications. The membrane features a low-density polyethylene (LDPE) core to reduce roll-back memory during installation and a reinforced fleece backing keys into mortar providing a secure mechanical bond to the substrate. Its unique dimple design and non-woven fabric allow for minimal passes to fill cavities with mortar. When exposed to stresses from in-plane lateral movement of the substrate, the USG Durock™ Uncoupling Mat absorbs and prevents the transfer of those stresses (up to 1/8"), preserving the integrity of the tile installation.

### BENEFITS:

- Provides uncoupling, waterproofing and vapor management of the substrate
- Lighter, thinner alternative to 1/4" tile underlayment panels
- Low-density core helps keep the membrane flat during installation
- Rot-proof and resistant to solvents and alkalis
- Ceramic tile installation can take place immediately after the membrane is installed
- Approved for use with modified and unmodified mortars
- 10-year, limited warranty



## USG DUROCK™ BRAND LIQUID WATERPROOFING AND CRACK ISOLATION MEMBRANE

USG Durock™ Brand Waterproofing and Crack Isolation Membrane is an acrylic polymer-based product for both commercial and residential tile and natural stone applications. It is ideal for waterproofing floors and walls in showers and other wet areas, including steam showers, without an additional vapor retarder.

### BENEFITS:

- Anti-fracture protection up to 1/8" over shrinkage and other non-structural cracks
- Low perm rating (0.38 perms at 20 mils dry) per ASTM E96 Procedure E
- Fast drying time allows for quick turnaround
- Can be rolled, brushed, troweled and sprayed
- One coat on vertical surfaces for smooth substrates such as USG Fiberrock® Brand Tile Backerboard
- Two coats on rough substrates such as USG Durock® Brand Cement Board, and for all horizontal applications



# BACKERBOARD, UNDERLAYMENT AND MEMBRANE COMPARISON GUIDE

	BASE MATERIAL	WEIGHT PER SQ. FT.	AVAILABLE SIZES
<b>USG DUROCK® BRAND CEMENT BOARD WITH EDGE GUARD™</b>	Aggregated Portland cement with polymer-coated, glass-fiber mesh completely encompassing edges, back and front surfaces	1/4": 1.9 psf 1/2": 2.4 psf 5/8": 3 psf	(True thicknesses) 1/4" x 3' x 5' 1/2" x 3' x 5' 1/2" x 4' x 8' 5/8" x 3' x 5' 5/8" x 4' x 8'
<b>USG DUROCK™ BRAND GLASS-MAT TILE BACKERBOARD</b>	Treated water-resistant gypsum core that is covered with a coated fiberglass mat facer and back and has a proprietary surface	1/2": 1.7 psf 5/8": 2.5 psf	(True thicknesses) 1/2" x 4' x 8' 5/8" x 4' x 8'
<b>USG FIBEROCK® BRAND TILE BACKERBOARD</b>	An environmentally sustainable, specially engineered combination of synthetic gypsum and cellulose fibers	0.42": 2.1 psf 5/8": 3.1 psf	(True thicknesses) 0.42" x 3' x 5' 0.42" x 4' x 8' 5/8" x 3' x 5' 5/8" x 4' x 8'
<b>USG FIBEROCK® BRAND UNDERLAYMENT</b>	An environmentally sustainable, specially engineered combination of synthetic gypsum and cellulose fibers	1/4": 1.4 psf 3/8": 1.9 psf	(True thicknesses) 1/4" x 4' x 4' 1/4" x 3' x 5' 3/8" x 4' x 4' 3/8" x 4' x 8' 3/8" x 3' x 5'
<b>USG DUROCK™ BRAND UNCOUPLING MAT</b>	A waterproofing underlayment membrane that helps suppress the transfer of lateral movement in a subfloor to preserve the integrity of the tile installation	.11 psf	43" x 98' roll (351 sq. ft.)
<b>USG DUROCK™ BRAND LIQUID WATERPROOFING AND CRACK ISOLATION MEMBRANE</b>	A liquid-applied waterproofing and crack isolation membrane and vapor retarder for use over approved substrates in wet areas	n/a	1-gal 3.5-gal

KEY FEATURES	APPLICATIONS	WARRANTY	
<ul style="list-style-type: none"> <li>• Lightweight tile backerboard</li> <li>• Water durable, mold resistant for high-moisture areas</li> <li>• Will not rot, warp, delaminate or disintegrate when exposed to water</li> </ul>	<ul style="list-style-type: none"> <li>• Superior tile bond</li> <li>• Easy to cut and fasten for quick installation</li> <li>• Made in the U.S.A.</li> </ul>	<p>Interiors and exteriors</p> <p>Floors, walls, countertops and ceilings</p> <p>Baths, tubs, showers, gang showers, kitchens, laundry rooms, steam rooms and indoor pool areas</p>	<p>Interiors: 30-year, limited</p> <p>Exteriors: 10-year, limited</p>
<ul style="list-style-type: none"> <li>• Lightweight, easy to score, snap and fasten</li> <li>• Moisture- and mold-resistant substrate</li> <li>• Scores the highest achievable rating (10 out of 10) for mold resistance according to ASTM D3273</li> </ul>	<ul style="list-style-type: none"> <li>• Proprietary cementitious coating provides exceptional tile bond performance</li> <li>• Interior tile for floors, walls and ceilings</li> <li>• Made in the U.S.A.</li> </ul>	<p>Interiors walls, countertops, ceilings and floors</p>	<p>20-year, limited</p>
<ul style="list-style-type: none"> <li>• Made from 97% recycled material</li> <li>• Uniform composition provides strength plus water and mold resistance</li> <li>• No facing, will not delaminate</li> <li>• Provides a smooth, flat, paintable surface for wall applications</li> </ul>	<ul style="list-style-type: none"> <li>• Use in both wet and dry areas throughout the home</li> <li>• Superior tile bond</li> <li>• Free of resins, adhesives and solvents that might stain a vinyl floor</li> <li>• Easy to cut, fasten and install</li> <li>• Made in the U.S.A.</li> </ul>	<p>Interior walls, countertops and ceilings</p> <p>Finish with tile or paint</p> <p>Kitchens, bathrooms, laundry rooms, and residential tubs and showers</p>	<p>20-year, limited</p>
<ul style="list-style-type: none"> <li>• Made from 97% recycled material</li> <li>• Uniform composition provides strength plus water and mold resistance</li> <li>• No facing, will not delaminate</li> <li>• Use in both wet and dry areas throughout the home</li> </ul>	<ul style="list-style-type: none"> <li>• Superior tile bond</li> <li>• Free of resins, adhesives and solvents that might stain a vinyl floor</li> <li>• Easy to cut, fasten and install</li> <li>• Made in the U.S.A.</li> </ul>	<p>Interior floors and countertops, including kitchens and bathrooms</p> <p>Under tile, stone, vinyl, hardwood, laminate and carpet flooring</p>	<p>20-year, limited</p>
<ul style="list-style-type: none"> <li>• Provides uncoupling, waterproofing and vapor management of the substrate</li> <li>• Lighter, thinner alternative to 1/4" tile underlayment panels</li> <li>• Low density core helps keep the membrane flat during installation</li> </ul>	<ul style="list-style-type: none"> <li>• Rot-proof and resistant to solvents and alkalis</li> <li>• Approved for use with modified and unmodified mortars</li> </ul>	<p>Interior and exterior installations of ceramic tile and natural stone in both residential and commercial floors</p>	<p>10-year, limited</p>
<ul style="list-style-type: none"> <li>• Suitable for waterproofing floors and walls</li> <li>• Anti-fracture protection up to 1/8" over shrinkage and other non-structural cracks</li> <li>• Low perm rating (0.38 perms at 20 dry mils) per ASTM E96, Procedure E</li> </ul>	<ul style="list-style-type: none"> <li>• Fast drying time</li> <li>• Can be rolled, brushed, troweled and sprayed</li> <li>• Made in the USA</li> </ul>	<p>Ideal for waterproofing floors and walls in showers and other wet areas, including continuous-use residential and commercial steam showers</p>	<p>1-year, limited</p>



## **ACCESSORIES**





## USG DUROCK™ BRAND SCREWS

USG Durock™ Brand Screws are high-quality, corrosion-resistant fasteners specially designed for attaching various types of backerboards and underlayments to wood or steel framing members. Can be used for interior and most exterior applications.

### BENEFITS:

- Designed to resist 1500+ hours of salt spray (per ASTM B117)
- The RECEX® Robertson/Phillips combo drive reduces driving effort, promotes faster driving and extends bit life
- Conveniently packaged for small- and medium-size installations in a clear and durable plastic jar that includes a square bit. The jars feature twist-on lids with handles and can easily be repurposed or recycled

		Unit Size	Units per Carton
<b>Wood Framing (White Lid Jar)</b>	1-1/4" USG Durock™ Screw	200 pcs/jar	18 jars/ctn
	1-1/4" USG Durock™ Screw	600 pcs/jar	10 jars/ctn
	1-1/4" USG Durock™ Screw	5,000 pcs	5,000 pcs/ctn
	1-5/8" USG Durock™ Screw	350 pcs/jar	10 jars/ctn
	1-5/8" USG Durock™ Screw	4,000 pcs	4,000 pcs/ctn
<b>Steel Framing (Grey Lid Jar)</b>	1-1/4" USG Durock™ Screw	600 pcs/jar	10 jars/ctn
	1-1/4" USG Durock™ Screw	5,000 pcs	5,000 pcs/ctn
	1-5/8" USG Durock™ Screw	350 pcs/jar	10 jars/ctn
	1-5/8" USG Durock™ Screw	4,000 pcs	4,000 pcs/ctn

## **USG DUROCK™ BRAND TAPE**

Polymer-coated glass-fiber tapes that offer strong joint reinforcement of USG Durock® Brand Cement Board interior and exterior applications, and USG Fiberock® Brand Panels in interior applications. Available in 2"x50', 2"x250' and 4"x150' lengths.

### **BENEFITS:**

- Alkali-resistant glass-fiber construction
- Reinforces joints and corners of panels in tile applications
- Sizes for interior (2" wide) and exterior (4" wide) joint reinforcement

## **USG FIBEROCK™ BRAND FLOOR PROTECTOR PAPER**

When the flooring installation is complete but trade traffic keeps coming, roll out USG Fiberock™ Brand Floor Protector Paper. This durable, heavy-duty 100% recycled paper covers and protects finished floors from dirt, spills and scratches. USG Fiberock Floor Protector Paper is nonstaining, even when wet. It has no memory so it stays flat, and it can be used as a scribing paper in addition to many other uses.

### **BENEFITS:**

- Made with 100% recycled paper
- Helps protect floors from surface damage
- Will not stain floor covering or grout joints
- Use in place of rosin paper

## 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)

## WEBSITE

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

### NOTE

Products described here may not be available in all geographic markets. Consult your USG Company sales office or representative for information.

### NOTICE

We shall not be liable for incidental and consequential 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 replacement of defective goods. 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.

### 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 material safety data sheets and related literature on products before specification and/or installation.

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