

USG DUROCK® Brand  
Cement Board with EdgeGuard™

SMOOTH SIDE MASTIC, ROUGH SIDE MORTAR

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USG  
Cement

SMOOTH

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EdgeGuard™

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## USG DUROCK™ BRAND UNCOUPLING MAT

- Provides uncoupling, waterproofing and vapor management of the substrate
- Lighter, thinner alternative to traditional tile underlayment panels
- Low density core helps keep the membrane flat during installation
- Fast track; tile installation can begin immediately after the membrane is installed
- Approved for use with modified and unmodified mortars

# USG DUROCK™ BRAND UNCOUPLING MAT

A waterproof underlayment membrane that helps suppress the transfer of lateral movement in a subfloor to preserve the integrity of the tile installation.

## DESCRIPTION

USG Durock™ Brand Uncoupling Mat is a lightweight, high performance crack isolation, waterproofing and vapor management underlayment membrane for use with porcelain, ceramic, and natural stone tile in both residential and commercial applications. 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"), helping to preserve the integrity of the tile installation. For applications where waterproofing is required, treat joints with USG Durock™ Brand Waterproofing Membrane Band.

Unlike most other mats, the USG Durock™ Uncoupling Mat features a low-density polyethylene (LDPE) core to reduce roll-back memory during installation. The LDPE core also provides the mat with increased flexibility making it easier to handle, cut and install. The reinforced fleece backing helps to provide a secure mechanical bond to the substrate while the combination of non-woven fabric and unique dimple design allow the installer to fill in the cavities with mortar with minimal effort.

Suitable substrates include concrete\*, green concrete, exterior-grade plywood, tile backerboard (like USG Durock® Brand Cement Board or USG Fiberock® Brand Tile Underlayment), gypsum underlayment\* (like USG Levelrock® Brand Floor Underlayments), and more.

\* Follow manufacturer's recommendation regarding priming and/or special surface preparation before installing USG Durock™ Uncoupling Mat.

## SIZE AND PACKAGING

<b>Item Number</b>	170007
<b>Roll Size</b>	43" x 98' (1.1m x 30m)
<b>Coverage</b>	355 sq. ft.
<b>Quantity per Pallet</b>	11 rolls

## TECHNICAL DATA

Property	ANSI / ASTM Test	USG Durock™ Uncoupling Mat
<b>Thickness</b>	n/a	1/8" (3mm)
<b>Fungus and microorganism resistance</b>	ANSI A118.10	No mold growth
<b>Seam strength</b>	ANSI A118.10 / ASTM D751	>8 lbs./in.
<b>Breaking strength</b>	ANSI A118.10 / ASTM D751	>170 psi
<b>Dimensional stability</b>	ANSI A118.10 / ASTM D1204	<0.7%
<b>Waterproofness</b>	ANSI A118.10 / ASTM D4068	Pass
<b>Shear strength to ceramic tile and cement mortar</b>	ANSI A118.10 / ASTM C482	>50 psi
<b>Point load</b>	ANSI A118.12	>1000 lbs.
<b>Crack resistance</b>	ANSI A118.12	No failure up to 1/8 in. crack opening
<b>Robinson Service Rating</b>	ASTM C627	Wood substrate, 24" o.c. - Heavy Concrete slab - Extra Heavy
<b>Recycled Content</b>	n/a	up to 70%



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Manufactured by or for  
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### PRODUCT INFORMATION

See usg.com for the most up-to-date product information.  
Product safety information: 800 507-8899 or usg.com.  
Customer Service: 800 USG.4YOU (874-4968).

KEEP OUT OF REACH OF CHILDREN.

### NOTE

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### SAFETY FIRST!

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