

<b>Rt. click on column to freeze.</b>	<b>Dens-Shield®</b>	<b>Durock®</b>	<b>Wonderboard®</b>	<b>1/2" Gypsum Green Board</b>
<b>Properties*</b>				
Thickness, nominal, inches	1/2" and 5/8"	1/2"	7/16"	1/2"
Width, nominal, inches	48"	36"	36"	48"
Length	96" and 60"	60"	60"	96"
Weight, lbs/sq. ft.	1/2" = 2.0#/ft <sup>2</sup> 5/8" = 2.6#/ft <sup>2</sup>	3.2#/ft <sup>2</sup>	3.5#/ft <sup>2</sup>	1.9#/ft <sup>2</sup>
Surface water absorption (Cobb test) grms.	.5	12.8	19.8	1.6(5)
Vapor transmission <sup>2</sup> , perms	.5 or less	8.9	N/A	50
Wicking, inches <sup>3</sup>				
After 30 minutes	.00"	1.48"	2.33"	N/A
After 24 hours	.31"	3.06"	4.03"	N/A
Percolation Test(4), inches				
After 48 hours	1/8"	19-1/4"	43-3/4"	N/A
<b>Features/Benefits</b>				
Easy to fasten	yes	no	no	yes
Suitable for High-moisture areas	yes	yes	yes	no
Protects wall cavity from moisture without additional moisture barrier	yes	no	no	no
Can fasten close to edge	yes	no	no	yes
Ideal for both mortar and mastic tile installation	yes	yes	yes	yes
20-year limited warranty	yes	no	yes	no
Readily available in 5/8" standard size thickness, Type X	yes	no	no	yes
Available in 4' x 5', 1/2", 1/4", 5/8"	yes	no	no	no
Non-abrasive to tubs, shower pans, installations	yes	no	no	yes

**NOTES:**

\* Tests conducted at G-P Gypsum Laboratory, per ASTM guidelines. Data based on published data from U.S. Gypsum and Modulars, Inc. for Durock and Wonderboard, respectively.

Durock is a registered trademark of U.S. Gypsum Company, and Wonderboard is a registered trademark of Modulars, Inc.

<sup>1</sup> ASTM C 473

<sup>2</sup> ASTM E 96 Dry Cup Method

<sup>3</sup> CTI-T-83 Test Method

(4) ICBO-ES Test Method

(5) ASTM C 630