


## 1/4" BACKERBOARD COMPARISON CHART

 <b>HardieBacker™</b> <small>with MoldBlock™ Technology</small>	<b>Durock® Board</b>	<b>WonderBoard®</b>	<b>PermaBase®</b>	<b>DensShield® Board</b>	<b>Fiberock® Aqua-Tough™ Underlayment</b>	<b>1/4" EasyBoard® Backerboard</b>	
<b>PRODUCT COMPOSITION</b>	Portland cement, ground sand	Portland cement, aggregate, glass-fiber mesh	Portland cement, aggregate, glass-fiber mesh	Portland cement, aggregate, glass-fiber mesh	Gypsum, fiberglass mat w/ acrylic coating	Engineered gypsum fiber core	Polysocyanurate foam, filament glass fibers
Flexural strength (psi)	2100	1250	1500	1250	Not Indicated	Not Indicated	300
Compressive strength (psi)	7000	2300	2500	2250	1500	1250	Not tested
Gypsum-free	Yes	Yes	Yes	Yes	No	No	Yes
Contains glass fibers	No	Yes	Yes	Yes	Yes	No	Yes
Cuts cleanly & easily	Yes	No	No	No	Yes	Yes	Yes
Non-abrasive	Yes	No	No	No	Yes	Yes	Yes
"Ez Grid" recessed fastener pattern*	Yes	No	No	No	No	No	No
Warranty	Lifetime limited; transferable (material and labor)	30-year limited; transferable	Lifetime limited; non-transferable	30-year limited; non-transferable	Lifetime limited; non-transferable	20-year limited; transferable	1-year limited, non-transferable
Weight (lbs./sq.ft.)	1.9	2	2	2	1.2	1.5	.3
Warranted for use with vinyl tile applications	Yes	No	No	No	No	Yes	No
Product characteristics	Best selling brand of backerboard. Lightest cement board available. Delivers more compressive and flexural strength than any other backerboard on the market. Exclusive MoldBlock technology provides superior protection against moisture and mold. HardieBacker EZ Grid® board offers a patented recessed fastener pattern for even easier installation; exceptional tile bond strength.	Contains abrasive aggregate that can scratch porcelain and enamel surfaces. Product must be scored on both sides and glass mesh must be cut after snapping.	Data on ASTM tests for mold growth not available. Contains abrasive aggregate that can scratch porcelain and enamel surfaces. Product must be scored on both sides and glass mesh must be cut after snapping.	Contains abrasive aggregate that can scratch porcelain and enamel surfaces. Product must be scored on both sides and glass mesh must be cut after snapping.	Manufacturer instructions state "Do not use DensShield in floor tile installation when using tile with less than 2" x 2" dimensions" (DensShield architectural specs, www.gp.com).	Product contains over 80% gypsum which can disintegrate in wet areas. According to installation instructions, panels must "acclimate to temperature and humidity at job site prior to installation" and panels must be handled "in an upright position to prevent breakage." Additional warranty information: not warranted for tile greater than 14"x14" or less than 6"x6".	More fasteners needed to secure the product than other backerboards and nails can blow through product. Protective clothing should be worn to protect skin from fiberglass filaments. Product can easily be damaged, must be stored/secured carefully due to its lightweight properties. (www.custombuildingproducts.com - data sheet)

\*HardieBacker 1/4" board in 3' x 5' size