

Tile Backers	DUROCK®	WonderBoard®	Util-A-Crete®	PermaBase®	Dablia ®	ProTEC™	FIBEROCK ®	Dens Shield	HARDIBACKER	KERDI- BOARD	WEDI
1/2" 3 x 5 1/2" 3 x 5					DuraBacker						
Manufacturer	USG	Custom Building Products	Fin-Pan	National Gypsum	National Gypsum	Fin-Pan	USG	Georgia Pacific	JamesHardie	Schluter®	GmbH
Composition	Cement/Fiberglass composite panel mfg with lightweight aggregate technology	Cement/Fiberglass composite panel	Cement/Fiberglass composite panel	Cement/Fiberglass composite with foam beads	Cement/Fiberglass composite with foam beads	Cement/Fiberglass composite with foam beads	Synthetic gypsum/cellulose fiber matrix water resistant throughout	Silicone treated gypsum core/acrylic face fiberglass	Cement/cellulose fiber composite panel	Extruded Polystyrene foam with reinforced fleece webbing	Styrofoam® Brand Foam Insulation core, coated on both sides with fiberglass mesh and polymer modified mortar
Classification Per TCNA 2011	CBU	CBU	CBU	CBU	CBU	CBU	Fiber-Reinforced Water-Resistant Gypsum Backerboard	Glass Mat Water-Resistant Gypsum Backer Board	Fiber-Cement Backerboard	Extruded foam backerboard	Ceritious Coated Extruded Foam Backer Board
Meets TCNA 2011 requirements for use in wet areas (Tub , showers & kitchens)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Mold Resistant	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Finishing Requirements	Finish with tile only	Finish with tile only	Finish with tile only	Finish with tile only	Finish with tile only	Finish with tile only	Tile in wet areas Paint/Wallpaper dry areas	Finish with tile only	Finish with tile only	Finish with tile only	Finish with tile only
Warranty	30 years	20 years	35 Year Limited Warranty	30 / Limited	Not Listed	35 Year Limited Warranty	20 years	20 year Commercial/Limited Lifetime residential	20	No known information listed on data sheet or website on Kerdi-Board products	Limited 10 year warranty
Contains Fiberglass	YES	YES	YES	YES	Not Listed	YES	NO	YES	NO	NO	YES
"Green"	NO	NO	NO	NO	Not Listed	NO	YES - 95% recycled content	NO	NO	NO	NO
Meets TCNA requirements for residential and light commercial installations	YES	YES	YES	YES	Not Listed	YES	YES	YES	YES	YES	YES
Weight per Sq. Ft. 1/2" Product	2.4#	4.6#	3.0 #	3.0#	Not Listed	2.9 #	2.3 #	2.0 #	2.6 #	Weight not listed in data sheet or on website	.578 #
Fire Rating 1/2" Product	0 Flame / 0 Smoke	0 Flame / 0 Smoke	5 flame / 0 smoke	0 Flame / 0 Smoke Requires 1/2" wallboard for fire rated assemblies	Not Listed	0 Flame / 5 Smoke	0 Flame / 5 Smoke	No specs available for 1/2" 5/8" provides 1 hr rating	0 Flame / 5 Smoke	Passes E- 84 IBC per literature, does not detail test and refers all questions to Schluter® tech line	20 flame / 360-415
Installation requirements and characteristics	Lightest CBU, scores easily with a utility knife, snaps easily, front and back must be cut, edges remain clean, fasteners easily penetrate the surface and countersink near edge, use alkaline resistant tape and fasteners	Heaviest CBU, difficult to score with a utility knife, snaps with maximum effort, front and back must be cut, edges remain clean, fasteners difficult to penetrate near edge, use alkaline resistant tape and fasteners	Heavy CBU, less difficult to score with a utility knife, snaps with maximum effort, front and back must be cut, edges remain clean, fasteners difficult to penetrate surface and countersink near edge, use alkaline resistant tape and fasteners	Heavy CBU, less difficult to score with a utility knife, snaps with medium effort, front and back must be cut, edges remain clean, fasteners difficult to penetrate surface and countersink near edge, use alkaline resistant tape and fasteners	Not Listed	Heavy CBU, less difficult to score with a utility knife, snaps with medium effort, front and back must be cut, edges remain clean, fasteners difficult to penetrate surface and countersink near edge, use alkaline resistant tape and fasteners	Easiest product to install, scores with utility knife with minimal effort and snaps easily, edges remain clean, fasteners easily penetrate the surface and countersink near edge, use alkaline resistant tape and fasteners	Lightweight easily cuts with a utility knife, snaps with medium effort, front and back must be cut, edges remain clean, fasteners easily penetrate the surface and countersink near edge, use alkaline resistant tape and fasteners, fastener must be caulked in wet areas, waterproof applications require additional waterproof systems	HARDIBACKER IS .42", does not match 1/2" wall assemblies, moderately heavy fiber cement backer difficult to cut with utility knife, cutting tools preferred, snaps with medium effort, edges remain clean, fasteners difficult to penetrate surface and countersink near edge, use alkaline resistant tape and fasteners	Literature does not detail floor installation instructions, or state that this product can be used on floors, lightweight and cuts easily with a utility knife, snaps easily, front and back must be cut Requires Kerdi-Band or Kerdi-Flex for panel edges for waterproof installations, fasteners require washers and may require stainless steel profiles/plastic profiles for reinforcement	Lightweight and cuts easily with a utility knife, snaps easily, waterproof applications requires proprietary tape and sealing adhesive on all panel edges min width 1 1/2" on the all sides, fasteners require washers and must be sealed with proprietary sealant