



Cost-effective tile backer boards
for building waterproof wet areas

Masterboard™

Product Information

Master Wholesale Inc.
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www.masterwholesale.com

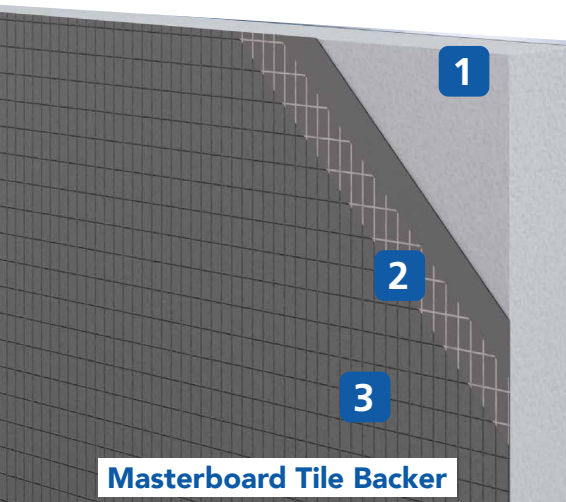
What can a Tile Backer Board System do for your business?

When it comes to tiled shower and tub designs, builders and installers are constantly trying to find ways to ensure they meet a variety of important goals. Choosing installation products and processes that fit their business best include considering a system that offers:

- Quality that lasts - will there be any callbacks?
- Your budget - is it affordable?
- Your work time - can you save time with faster construction and take on more jobs?
- Training - is the construction process simple, teachable & can it be quality-checked?
- The environment - is it a clean product?
- Accessibility - is it easy to order and access from local suppliers

With Masterboard, the answers are: we got you covered!

The Masterboard system is manufactured for Master Wholesale by a leading producer of shower systems with factories in the USA and Germany. These products, designed especially for builders and contractors who work in residential and commercial use building construction, are engineered for longevity and are impervious to the moisture present in wet area tile installations. The panels and pans are lightweight, easy to cut and shape with a knife, and simple to install using joint sealant and fasteners. Masterboard products are made without the use of toxic chemicals reducing negative impacts on the environment. Visit us today at Master Wholesale, where we stock the full line of Masterboard products.



Tile Backer Make Up - At a glance:

Masterboard is a 1/2" thick, internally waterproof, closed-cell extruded polystyrene foam core waterproofing layer that is ready for tile. Traditional waterproofing membranes are very thin, can damage easily, and must be applied separately with long cure times before tiling can start. Masterboard Tile Backer Boards can cut down the installation time drastically!

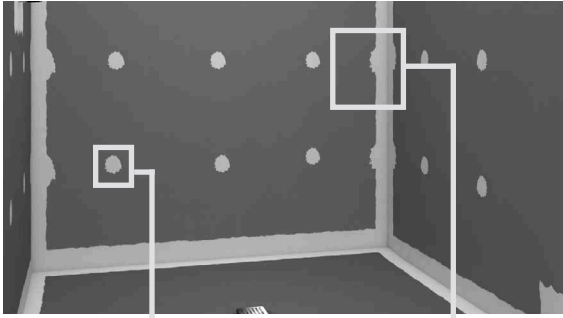
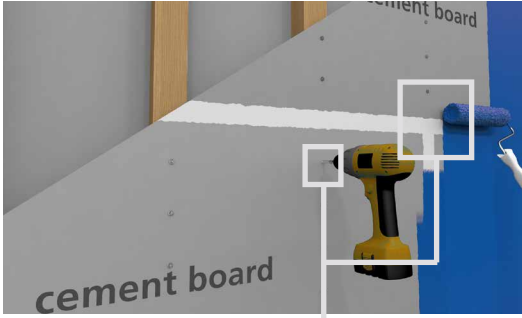
- 1 – Closed cell polystyrene foam core
- 2 – Fiberglass mesh reinforcement
- 3 – Polymer modified cement coating

Need a custom size?

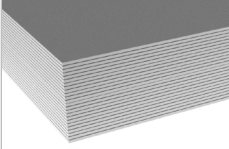
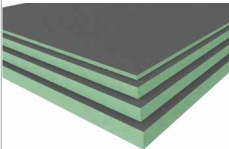
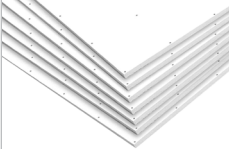
Any size design can be achieved with Masterboard. To customize on site, just use simple tools like a utility knife. The tile backers can be cut onsite, indoors, with very minimal dust clean up! Just score the board using a utility knife, snap it cleanly, and finish by cutting through the mesh on the bottom side.



Comparing Masterboard Tile Backers to Cement Boards

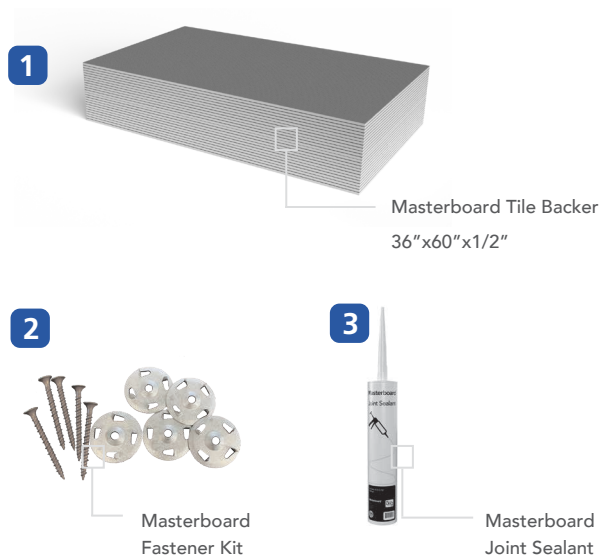
Product	Masterboard Tile Backers	(Fiber) Cement Board
Assembly/Tiling	Assemble with Masterboard Fasteners and Masterboard Joint Sealant. Ready to tile right off the pallet.	2-step waterproofing plus seam reinforcement requires additional installation time
Handling/Customizing	Internally waterproof, lightweight, easy to cut/clean.	Can be heavy, difficult to move, and hard to customize
Internal makeup	VOC-free, mold and mildew proof, and does not release dust when cut with a knife.	Provides cavities for food sources for both mold and mildew, and contains silica dust.
Seams between boards	Masterboard Joint Sealant causes no or very little build-up, so seams and transitions can be reinforced and waterproofed safely.	All seams require a messy and labor intensive process of applying mesh tape and thinset that needs to be mixed.
Timing	A standard tub surround requires 30-60 minute installation time and is ready for tile immediately!	Up to 12 hours of drying time before tile installation is possible to ensure waterproofing of cement boards.
	 <p>Masterboard requires half the number of fasteners installed in an average shower.</p> <p>No mesh tape or banding makes for a simple, fast and clean installation providing more exact, even and flat surfaces to tile over.</p>	 <p>The need for thinset applied mesh tape and applied waterproofing is time consuming, messy and it is difficult to achieve a uniform waterproofing covering the full surface without leaving pinholes.</p>

Comparing Masterboard to other cost focused foam core tile backer boards

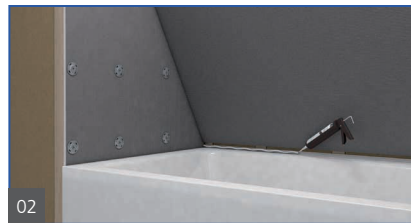
Product	Cost* *for contractors	Time to install	Country of origin	Can cause itches due to fibers in coating	Can release odors, contains formaldehyde	All standards compliance tested in North America	Compliance tested to ANSI 118.18 Standard Specification for Foam Core Backer Boards	Shear bond strength to tile adhesive/thinset mortars	Flexural Strength
 <p>Masterboard Tile Backer</p>	Approx. \$25	6 backers in shower assembly - approx. 90 mins	USA	No	No	Yes	Yes	ANSI 118.18 Section 5 Minimum performance requirement 50 psi > 120 psi	ANSI A118.18 / ASTM C203 973 psi
 <p>China Imports</p>	Approx. \$25	6 backers in shower assembly - approx. 90 mins (requires additional time to add mesh tape over seams)	China	No	No	No	Unknown	> 50 psi (tested and underwritten in China)	Unknown
 <p>Polyiso Boards</p>	Approx. \$25	6 backers in shower assembly - approx. 90 mins	Canada, USA	Yes	Yes	Yes	Unknown	> 50 psi	When wet, loses 1/2 of its flexural strength

Installing Masterboard as a Tub Surround

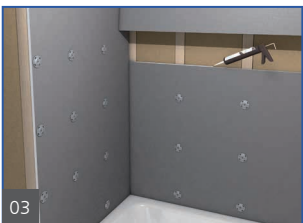
Check out these step-by-step instructions on how to install Masterboard Tile Backers as a waterproof backer board wall around your tub or shower. Be sure to use Masterboard Shower Installation Accessories for the best installation experience.



Step-by-step Installation Instructions



1. Measure and cut Masterboard Tile Backers to fit the 16 inch o.c. framework (wood or metal). Notch out all panels if installed around the perimeter of a flange tub to integrate the flange and achieve a plumb wall with square and tight corners.
2. Attach a notched panel to the frame-work with a 1/2" bead of Masterboard Joint Sealant between the notch and flange. Attach the panel to the framework using Masterboard Washers and Screws at a rate of 1 every 12 inches along the studs. Leave a gap of 1/8" between tub edge and wedi panel bottom end to allow for movement of the tub. Alternatively apply a bead of Masterboard Joint Sealant in between both materials.



3. Apply a continuous 1/2" bead of Masterboard Joint Sealant on the top grey foam edge of the Masterboard Tile Backer before installing the next panel, butting tightly into the sealant. Set another Masterboard Washer and Screw into the seam to create a flush transition between panels and smooth over excess sealant. When installing a Masterboard side panel against the already fixed back wall, apply a continuous 1/2" bead of

Masterboard Joint Sealant vertically on the back wall tile backer where both panels will meet. Apply compression to the joint sealant when moving the Masterboard side panel into position before fastening it.

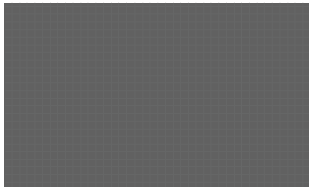
4. Finally and after all Masterboard Tile Backers are installed, a second 1/2" bead of Masterboard Joint Sealant is applied over all seams and fastener points and spread flat using a putty knife.

■ **Did you know?** You can also use Masterboard Tile Backers in mud bed shower floor assemblies (integrated into the wet mud base) or as a general purpose water proof tile backer board in other shower assembly types - please verify with each manufacturer of products used in hybrid system assemblies whether the combined products work

Product Order Information

For product pricing, please contact your local Master Wholesale store.

Tile Backers - 100% waterproof and mold proof tile backer board for residential or commercial use



Product Name

Masterboard™ Tile Backer Board

Key Features:

Internally waterproof
Can be cut and customized to fit any size project
Strong and sturdy, but lightweight
Mesh layer provides excellent bonding surface for tile.

Dimensions:

36 in. x 60 in. x 1/2 in.

Unit:

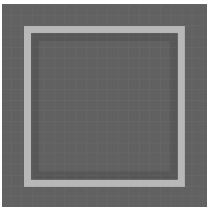
75 sheets/pallet

Item:

MWH-00001

■ Made in USA.

Shower Niches - To hold shower necessities, integrated into wall panel



Product Name

Masterboard™ Shower Niche 12" x 12"

Key Features:

Made from Masterboard Tile Backers
Can be cut and customized to fit any size project
Strong and sturdy, but lightweight

Dimensions:

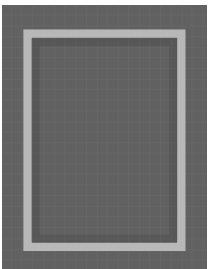
12 in. x 12 in. x 3 1/2 in. (interior)
16 in. x 16 in. x 4 in. (exterior)

Unit:

1 piece/box

Item:

MWH-00004



Product Name:

Masterboard™ Shower Niche 12" x 18"

Key Features:

Made from Masterboard Tile Backers
Can be cut and customized to fit any size project
Strong and sturdy, but lightweight

Dimensions:

12 in. x 18 in. x 3 1/2 in. (interior)
16 in. x 22 in. x 4 in. (exterior)

Unit:

1 piece/box

Item:

MWH-00005

■ Made in USA.

Installation Accessories



Product Name

Masterboard™ Joint Sealant

Key Features:

High-strength adhesion that remains permanently flexible in wet and alkaline environments.
Used to seal and connect Masterboard™ Tile Backers and Prefabricated Modules within a Masterboard™ Shower Assembly.

Contents:

10.5 oz

Unit:

12/box

Item:

MWH-00003



Product Name:

Masterboard™ Fastener Kit

Key Features:

Can be used with standard wood framing or 20 ga or lighter metal framing.
Washers - thick gauge absorbs and distributes the weight of the tile used.
Screws - gauge, length, & design helps ensure no breaking under loads or when framing moves.

Contents:

*count determined by weight, actual count may vary

Unit:

100 ct. coarse thread non-rust screws and tab washers & 100 ct. washers with Tabs

Item:

MWH-00002

■ Joint Sealant - Made in USA. Fastener Kit - Packaged in USA, washers made in USA, screws made in Taiwan and Vietnam.

Masterboard Tile Backer Performance and Technical Data

Properties	Product Standards/Test Methods	Performance
American National Standard Specifications for Test Methods and Specifications for Foam Core Backer Boards	ANSI A 118.18	Compliant
Shear Bond Strength	ANSI A 118.18 Section 5 Minimum performance requirement 50 psi	7 day Shear Strength Dry: 139.7 psi 7 day Shear Strength Wet: 120.7 psi
Waterproof	ANSI A 118.18 / ANSI A118.10-1999	Passed
Waterproofness of Assembly	ANSI A 118.18 / IAPMO PS106	Passed
Fastener Pull Through	ANSI A 118.18	Passed, 147 lb
Temperature Limits		-58 / +165° F
Capillarity		Zero
Linear Expansion with Change in Moisture Content	ANSI A 118.18 / ASTM 1037-39	Passed, 0.04%
Surface Burning Characteristics	ANSI A 118.18 using ASTM E84 with 12x12 inch x 3/8 inch porcelain tile installed on exposed surface as used in construction	Flame Spread Index (FSI): 0 Smoke Developed Index (SDI) : 35 Classification: Class A
Mold and Fungus Resistance	ANSI A 118.18	Passed, Zero growth.
Flexural Strength	ANSI A 118.18 / ASTM C203	973 psi

Masterboard Tile Backer Specifications	Width	Length	Thickness	Weight
	36 in.	60 in.	1/2 in.	8 lb.

Approvals & Certificates	
Approvals and certificates applicable to entire product system or components as required	ICC PMG certified

Environmental and Health Considerations Masterboard foam core products
Contains no unbonded fire retardants like HBCD (Hexabromocyclododecane) which are frequently used in Chinese foams. Contains no Formaldehyde.



Masterboard Tile Backers are proudly manufactured in the USA by a leading manufacturer of shower systems with more than 40 years of experience as the innovation and quality leader in the industry and with factories in the USA and Germany.

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Masterboard quality and performance certified by:



 **Masterboard**TM

Product Information

Subject to change without notice.
Item Number: Date.

USA