



## wedi® Builder Choice

Cost-efficient and time-saving product solutions for builders and general contractors.



  
**BUILDER CHOICE**  
...wedi

## What do you like a tile backer board system to do for your business?

Builders and contractors who offer tiled shower and tub designs are constantly trying to find ways to ensure they meet multiple important goals when making their choices of installation products and processes that fit their business best:

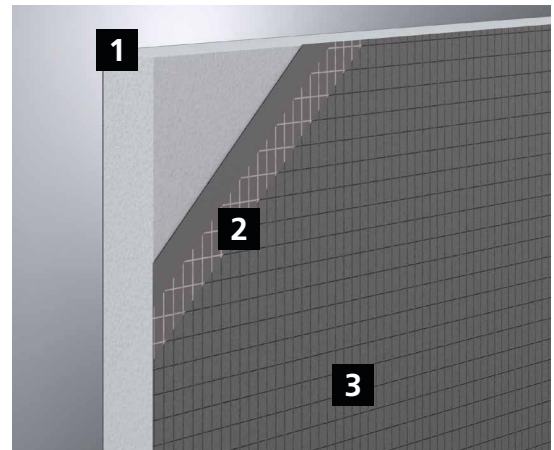
- ✓ A lasting quality construction with no callbacks.
- ✓ A construction process adding simplicity, is easily trainable & can be quality-checked.
- ✓ A construction not exceeding the budget cost.
- ✓ A product that helps reduce the footprint in our environment.
- ✓ A construction process saving work time.
- ✓ A product that is easily accessible for contractors.

### wedi® Builder Choice helps you do all this!

Made especially for builders and contractors who work in residential new construction and commercial use building construction, the wedi® Builder Choice system is made by a leading manufacturer of shower systems with factories in the USA and Germany and brings to you more than 40 years of experience as the innovation and quality leader in the industry.

wedi® Builder Choice (BC) Tile Backers are made from an internally waterproof, closed cell extruded polystyrene foam core. Think of it as providing a perfect backer board plus a half inch thick waterproofing all in one product and installation step before tile is placed. This compares to traditional waterproofing membranes that are but a few millimeters thin, easily damaged, and must be applied separately with long cure times before tiling can start.

- 1** – XPS waterproof foam core.
- 2** – Fiberglass mesh reinforcement
- 3** – Modified cement based coating



The wedi® BC Tile Backer's core is reinforced with fiberglass mesh embedded in a modified cement coating giving it extremely high tile backer bending strength and rigidity, as well a very high bond strength with common tile adhesives. What's more, the product's performance is moldproof, insulating, light and easy to cut and customize with a utility knife.



### wedi® Builder Choice Tile Backers can be cut & customized with simple tools!

With wedi® Builder Choice Tile Backers, the design possibilities are endless. These boards can be customized with simple tools you have at home to fit your project, leaving very little waste or dust. This means they can also be cut onsite, indoors, with very minimal clean up! Simply score the board using a utility knife, snap it cleanly, and finish by cutting through the mesh on the bottom side.

## How does wedi® Builder Choice compare with cement boards?

### wedi® BC Tile Backers

- Internally waterproof and ready to tile on as it comes off the pallet - just assemble with wedi® BC Fasteners and wedi® BC Joint Sealant.
- Lightweight, easy to cut and clean.
- VOC-free, mold and mildew proof, and does not release dust when cut with a knife.
- Seams and transitions are reinforced and waterproofed with wedi® BC Joint Sealant, causing no or very little build-up.
- Installation time is between 30-60 minutes for a standard tub surround - ready for tiling!

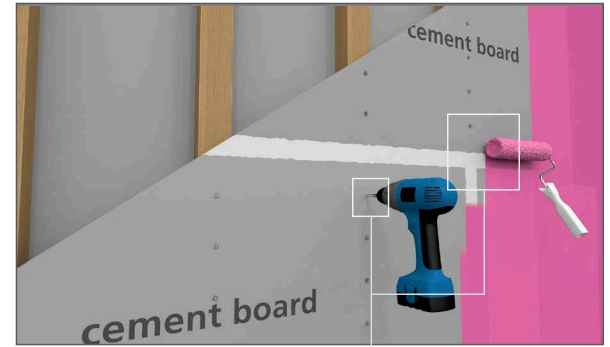


wedi® BC requires half the number of fasteners installed in an average shower.

No mesh tape or banding makes for a simple, fast and clean installation providing more exact, even and flat surfaces to tile over.

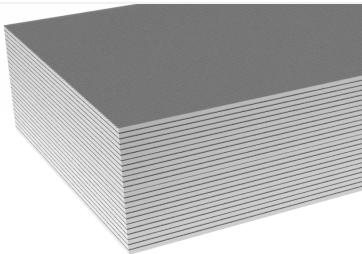
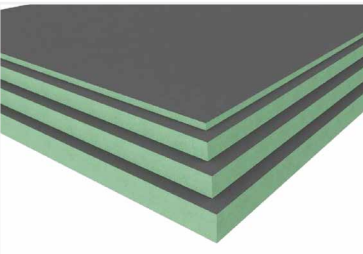
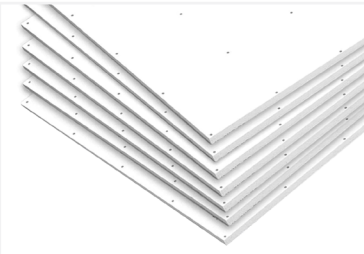
### (Fiber) Cement Board

- Requires additional waterproofing, and seam reinforcement before it is ready to tile.
- Is heavy and much more difficult and messy to cut
- Provides cavities for food sources for both mold and mildew, and contains silica dust.
- All seams require a messy and labor intensive process of applying mesh tape and thinset that needs to be mixed.
- Waterproofed cement boards require up to 12 hours of drying time before tile installation is possible.



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.

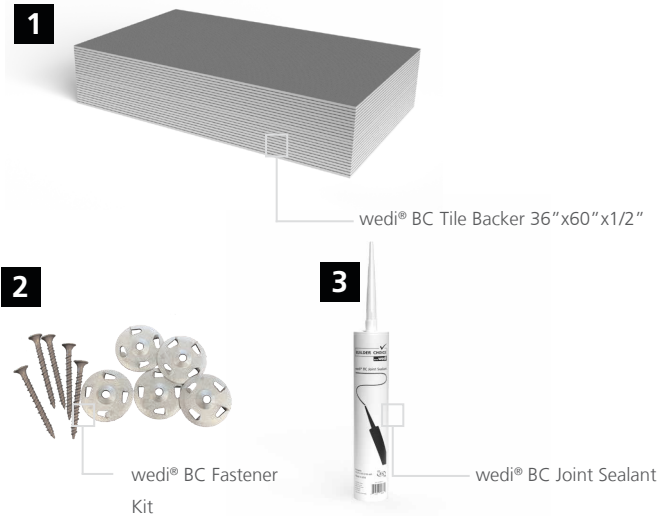
## How does wedi® Builder Choice compare to other cost focused foam core tile backer boards?

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

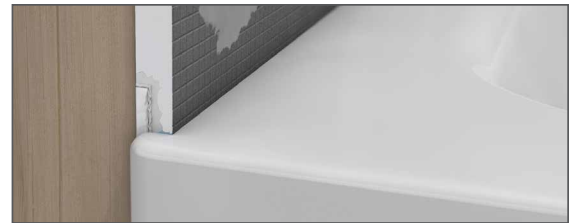
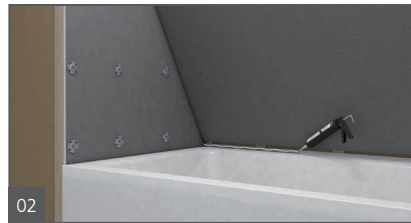
# Installing wedi® BC Tile Backers as a Tub Surround

## wedi® BC Tub Surround Installation Manual

This installation manual will give you step-by-step instructions on how to install wedi® BC Tile Backers as a waterproofing layer around your bathtub. (Using wedi® BC Shower Installation Accessories).



## Step-by-step Installation Instructions



1. Measure and cut wedi® BC 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 wedi® BC Joint Sealant between the notch and flange. Attach the panel to the framework using wedi® BC 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 wedi® BC Joint Sealant in between both materials.



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

continuous 1/2" bead of wedi® BC Joint Sealant vertically on the back wall tile backer where both panels will meet. Apply compression to the joint sealant when moving the wedi side panel into position before fastening it.

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

**i Did you know?** You can also use wedi® BC Tile Backers in mud bed shower floor assemblies (integrated into the wet mud base) or as a general purpose waterproof 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 together safely.

# wedi® BC 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.

Weight for wedi® BC Tile Backers	Width	Length	Thickness	Weight
	36 in.	60 in.	1/2 in.	8 lb.

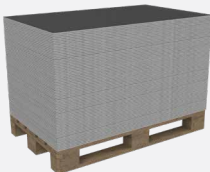
Approvals & Certificates	
Approvals and certificates applicable to entire product system or components as required	ICC PMG 1189

Environmental and Health Considerations wedi® BC foam core products
Contains no unbonded fire retardants like HBCD (Hexabromocyclododecane) which has been banned in Canada and is a toxic substance of high concern with the US EPA. Contains no Formaldehyde. Contains no chemicals released /offgassing during installation process or thereafter.

## Product Order Information

### Tile Backer

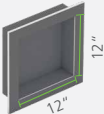


#### wedi® BC Tile Backer ■ Waterproof tile backer board

	Item Name	Description	Key features	Dimensions	Unit	Item #
	wedi® BC Tile Backer 36" x 60" x 1/2"	Tile backer board made especially for builders and contractors who work in residential new construction and commercial use building construction.	Customizable on site, can be cut with a utility knife. XPS foam is 100% waterproof and mold proof. Lightweight, yet extremely strong! Special mesh grid pattern to provide an optimized bond surface for tile adhesive	36 in. x 60 in. x 1/2 in.	75 sheets/pallet	US8075001

**i** Made in USA.

### Shower Niches

#### wedi® BC Shower Niche

	Item Name	Description	Key features	Dimensions	Unit	Item #
	wedi® BC Shower Niche 12" x 12"	Made from wedi® BC Tile Backers	Available in 3 different sizes. Customizable on site, if needed. XPS foam is 100% waterproof and mold proof. Shelves can be positioned where they best fit.	12 in. x 12 in. x 3 1/2 in. (interior) 16 in. x 16 in. x 4 in. (exterior)	1 pc	US3075001
	wedi® BC Shower Niche 12" x 18"	Made from wedi® BC Tile Backers	Available in 3 different sizes. Customizable on site, if needed. XPS foam is 100% waterproof and mold proof. Shelves can be positioned where they best fit.	12 in. x 18 in. x 3 1/2 in. (interior) 16 in. x 22 in. x 4 in. (exterior) includes 2 in. removable/tileable shelf	1 pc	US3075002
	wedi® BC Shower Niche 12" x 28"	Made from wedi® BC Tile Backers	Available in 3 different sizes. Customizable on site, if needed. XPS foam is 100% waterproof and mold proof. Shelves can be positioned where they best fit.	12 in. x 28 in. x 3 1/2 in. (interior) 16 in. x 32 in. x 4 in. (exterior) includes 2 in. removable/tileable shelf	1 pc	US3075003

**i** Made in USA.

### Installation Accessories

#### wedi® BC Installation Accessories

	Item Name	Description	Key features	Contents	Unit	Item #
	wedi® BC Joint Sealant	Single component Silyl Modified Polymer (SMP) sealant	Specially-formulated for high green strength, adhesion in wet and alkaline environments, and is permanent flexibility. Can be used to seal and connect wedi® BC Tile Backers and Prefabricated Modules within a wedi® BC Shower Assembly.	10.5 oz.	12/box	US5075002
	wedi® BC Fastener Kit	Screws and washers to complete and fastener wedi® BC assemblies	Thick gauge washers absorb and distribute the weight of the tile installation. Gauge, length, & design of screws ensure they do not break under loads or when framing moves. Use with standard wood framing or 20 ga or lighter metal framing.	*count determined by weight, actual count may vary	100 ct. coarse thread non-rust screws and tab washers & 100 ct. Washers with Tabs	US5075001

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



wedi® BC 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.

We take quality seriously when it comes to building materials, and strive to provide builders and general contractors with the best, safest and most cost-efficient products for their next construction project.



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wedi® BC quality and performance certified by:



Subject to change without notice.  
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