Technical Data

wedi Prefabricated Elements
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wedi® Prefabricated Elements

Overview
A secret among bath design professionals is to use L- and U-shaped wedi Building Panels to create more tileable surfaces in the bathroom. To accommodate this popular trend, wedi prefabricates many products and provides solutions for on-site customization of shapes and styles. Not only can you waterproof your tile substrates, but you can eliminate wooden framework by installing prefabricated design elements tailored to fit your special needs. wedi Prefabricated Elements include shower seats and benches, niches, curbs and ramps.

Product Features
- Lightweight, easy to handle, cut & install
- Waterproof as tested and demonstrated according to ANSI A118-10-1999
- Mold/Mildew proof
- Thermally insulating
- Great for tile bonding using any cement or epoxy based thinset mortar
- Dimensionally stable, inert, does not deteriorate
- Contains no fibers or paper layers; and will not delaminate or fuel flames in fire emergencies
- Replace traditional cement boards and waterproof membranes in wet areas such as showers and steam showers
- Provides a perfect surface for tiling

wedi Prefabricated Shower Seats and Benches
Create the perfect waterproof seating solution for your shower. wedi Shower Seats and Benches install much quicker and easier than metal tray or concrete seats. Plus, they are 100% waterproof due to the CFC-free extruded polystyrene closed cell foam core.

Full Foam Triangular Corner Seat
The wedi Full Foam Triangular Corner Seat is a fully prefabricated corner seat is 100% waterproof throughout. Unlike other systems, such as those made with non-waterproof white expanded polystyrene (EPS), wedi Full Foam Triangular Corner Seat does not need to be treated with a waterproof membrane anymore. In addition, the top surface is slightly sloped at a rate of 1/8”/ ft. to allow water to run off toward the floor drain. The seat can be cut to virtually any size. Where the cut and the blue foam is exposed, adhere, for example, an 1/8” thick wedi panel piece to this area to recreate a perfect surface to bond tile to. This corner seat can be used in wedi systems, conventional shower systems or even over older, existing tiles in an existing shower. The core of the seat is made of extruded polystyrene foam and is coated with a rigid, sanded epoxy-based coating to accommodate for heavy duty commercial use.
Installation of wedi Full Foam Triangular Corner Seat

1. Dry fit the seat into the squared backerboard corner of your shower. Make sure it will firmly attach to the two walls leaving no hollow areas between.

2. Mark the seat’s contact areas so you know which area needs to be covered with a 3/8” thinset application.

3. Apply modified thinset to both wall areas and the floor area the seat will touch using a 3/8” x 3/8” notch trowel. Apply more thinset in the sloped shower floor area to fill voids.

4. Firmly attach the seat into the thinset bed and hold in position tightly using weights (tile boxes or similar leaning against the seat until thinset can keep the seat in its position).

5. Apply a 1/2” bead of wedi® Joint Sealant to all wall-seat seams. The sealant will provide waterproof and flexible seal.

6. On the bottom seam fill the gap between seat bottom and shower base slope with thinset and apply an alkali resistant wedi® Meshtape.

7. Spread the wedi® Joint Sealant flat over the seam using a wedi® Corner Putty Knife. Cover 3/4” of either side of a seam with the sealant.

8. Your seat is tile ready immediately and once the wedi® Joint Sealant is tack free.
Floating Corner Seat
wedirect corner seats not only install quicker and easier than any metal tray or concrete seat, but they are also totally unaffected by water due to their closed cell foam base. The polyurethane-based mounting brackets allow for flexible installation and make sure that the tiled wedi seat can carry up to 300 lbs. of weight. No additional blocking is needed and the product can even be installed against an existing tiled corner if needed.

Installation of wedi Corner Seats | Medium and Large

**wedi® Corner Seat M**
- 17” x 17” (wall sides), thickness 4” (Item# 073784300)

**wedi® Corner Seat L**
- 24” x 24” (wall sides), thickness 4” (Item# 073784400)

**wedi® Seat assembly set consists of:**
- Seat element
- (6) fasteners
- (2) mounting brackets
- wedi® meshtape
- tube of wedi® joint sealant

1. Apply wedi Joint Sealant to the side of the mounting bracket that will be attached to the wedi Building Panel wall.
2. Evenly distribute wedi Joint Sealant with a notched trowel until the whole contact area is covered.
3. Using a level, make sure you can achieve a slight pitch (1/8” over 1 ft.).
4. Mount the brackets through the wedi Building Panel wall into the solid 2’ x 4’ wooden framework.
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5. Using a notched trowel, apply wedi Joint Sealant to the blue foam edges of the seat that will contact the wedi Building Panel wall or brackets.

6. Press the seat element into position and apply a weight (i.e., tile box) so that the sealant can set under bond pressure.

7. Apply wedi Meshtape to tape the transition joint between the seat element and the wedi Building Panel wall. Apply a flat thinset mortar bed over the Meshtape and fully embed it.

8. Apply Step 7 now to the underside of the seat element. Apply Meshtape and thinset mortar to the vertical seams as well.

**Straight Bench**

This 100% waterproof bench is a prefabricated sampling of what can often be installed onsite and in custom dimensions, using our 2” building panels, which provide the structural strength needed for seats and benches. Its hollow inside allows for additional installation space for plumbing and electric parts in steam showers and large spa function showers. It is sloped on the top surface area at a rate of 1/8” / ft. to make sure water can run off to the floor drain.
wedi Prefabricated Niches

wedi Prefabricated Niches are fabricated from ½” Building Panels and come in three different size options. The perfect fit for all your shower necessities, our niches install quickly and safely, and integrate flush into the wall panel assembly with wedi fasteners.

**16” x 16” Square Niche**

1. Insert the wedi niche into opening.
2. Cut out a space of the existing ½” wall panel 16” x 16” so that the niche flanges can rest on the 2’ x 4’ studs (16” o.c.) on both sides and line up flush with the surrounding backerboard or drywall panels.
3. Apply a bead of wedi joint sealant along the outside seam and smooth out with a putty knife to cover and waterproof the seam.

**16” x 22” Rectangular Niche**

1. Insert the wedi niche into opening.
2. Cut out a space of the existing ½” wall panel 16” x 22” so that the niche flanges can rest on the 2’ x 4’ studs (16” o.c.) on both sides and line up flush with the surrounding backerboard or drywall panels.
3. Apply a bead of wedi joint sealant along the outside seam and smooth out with a putty knife to cover and waterproof the seam.

**16” x 42” Lean Combo Niche**

1. Cut out a space of the existing ½” wall panel 16” x 42” so that the niche flanges can rest on the 2’ x 4’ studs (16” o.c.) on both sides and line up flush with the surrounding backerboard or drywall panels.
2. Apply a bead of wedi joint sealant along the outside seam and smooth out with a putty knife to cover and waterproof the seam.
3. Insert the wedi niche into opening.

wedi Prefabricated Niches are fabricated from ½” Building Panels and come in three different size options. The perfect fit for all your shower necessities, our niches install quickly and safely, and integrate flush into the wall panel assembly with wedi fasteners.
Technical Data: Prefabricated Elements

wedi Prefabricated Curbs and Ramps
Available in several options for shower entry designs where transitions are required, wedi curbs and ramps can be installed with wedi Fundo shower bases, as well as conventional mortar bed systems. Waterproof and versatile, wedi Curbs and Ramps may be tiled before any glass doors, panels or glass block is installed and can carry weight of up to 480 lbs./ft. Epoxy glue is recommended instead of screw fasteners when installing shower door tracks.

**wedi Full Foam Curbs**
wedi Full Foam Curbs combine it all in one element when compared to traditional methods of 2’ x 4’ wood assembly, lath, mud and waterproofing. They come presloped so water runs back into the shower.

**wedi Curb Over**
wedi Curb Overs are designed to water-proof over existing 2’ x 4’ wood constructions. A conventional PVC pan liner is sandwiched inside between the 2’ x 4’ and the wedi Curb Over. The wedi Curb Over will provide additional water-proofing and square corners for a perfect tile job.

**wedi Shower Ramp**
The wedi Shower Ramp is used to create curbless showers without recessing the shower base into the subfloor. The ramp provides a 1” slope over a 12” width and meets ADA requirements. The ramp should not be tiled with tiles smaller than 4” x 4” when wheelchairs are used in this shower.
General Limitations
In commercial applications, adequate fire barrier substrates may need to be installed behind wedi foam products. Follow local and national building codes in all applications.

Storage
Store flat and keep dry with no exposure to elements. Keep away from solvents and direct UV exposure.

Disposal
Product can be disposed with attached construction material/waste. Product will not negatively impact ground water. Product cannot decompose.

Warranty
Log onto www.wedicorp.com to learn more about wedi’s warranty.

MasterFormat™ 2004 Sections
Section 07100: Damp-proofing & Waterproofing
Section 09260: Gypsum Board Assemblies
Section 09252: Cementitious backer board
Section 09300: Tile
## Technical Data: Prefabricated Elements

### Product Order Information

#### wedi® Shower Seat M&L

<table>
<thead>
<tr>
<th>Description</th>
<th>Width x Length x Height</th>
<th>Unit</th>
<th>Item #</th>
</tr>
</thead>
<tbody>
<tr>
<td>wedi Seat M</td>
<td>17” x 17” (wall sides) x 4”</td>
<td>1 pc</td>
<td>07-37-84/300</td>
</tr>
<tr>
<td>wedi Seat L</td>
<td>5” x 8’ x 4 1/2”</td>
<td>1 pc</td>
<td>07-37-84/400</td>
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</tbody>
</table>

![wedi® Shower Seat M&L](image)

#### wedi Bench | Rectangular and Full Foam Triangle Seats

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>wedi Bench</td>
<td>16” x 32” x 20”, sloped</td>
<td>1 pc</td>
<td>07-37-84/100</td>
</tr>
<tr>
<td>wedi Corner Seat</td>
<td>23” x 23” (wall sides) x 20”</td>
<td>1 pc</td>
<td>07-37-84/101</td>
</tr>
</tbody>
</table>

![wedi® Bench](image)

Rectangular bench made with 2” wedi® Building Panel, full, foam seat made of solid XPS foam. These units are pre-made and ready for thinset installation against walls and feature a 1/8” slope to the front.

#### wedi Niche | Square Edges

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
<th>Unit</th>
<th>Item #</th>
</tr>
</thead>
<tbody>
<tr>
<td>wedi Niche Square Edges</td>
<td>16” x 16”</td>
<td>1 pc</td>
<td>07-43-15/300</td>
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<tr>
<td>wedi Niche Square Edges incl. removable shelf</td>
<td>16” x 16”</td>
<td>1 pc</td>
<td>07-43-15/400</td>
</tr>
<tr>
<td>wedi Lean Combo Niche</td>
<td>16” x 42”</td>
<td>1 pc</td>
<td>07-43-15/350</td>
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</table>

![wedi® Niche](image)

Installation over 2” x 4”’s construction, 16” o.c. framework.

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## Technical Data: Prefabricated Elements

### wedi Curb Over

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>wedi Curb Over Square Edges</td>
<td>5” x 5’ x 4 1/2”</td>
<td>1 pc</td>
<td>07-43-17/000</td>
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<tr>
<td>wedi Curb Over Square Edges</td>
<td>5” x 8’ x 4 1/2”</td>
<td>1 pc</td>
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Installation over 2” x 4” construction

### wedi Full Foam Curb

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<tr>
<td>wedi Curb Full Foam Square Edges</td>
<td>5” x 5’ x 4 1/2”</td>
<td>1 pc</td>
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<td>wedi Curb Full Foam Square Edges</td>
<td>5” x 8’ x 4 1/2”</td>
<td>1 pc</td>
<td>07-43-19/001</td>
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</tbody>
</table>

Sloped on top surface

### wedi Shower Ramps

<table>
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<tr>
<th>Description</th>
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<th>Unit</th>
<th>Item #</th>
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</thead>
<tbody>
<tr>
<td>wedi Shower Ramp*</td>
<td>12” x 5’, sloped 1 1/2” to 1/4”</td>
<td>1 pc</td>
<td>07-37-36/517</td>
</tr>
<tr>
<td>wedi Shower Ramp*</td>
<td>8” x 6’, sloped 1 1/2” to 1/4”</td>
<td>1 pc</td>
<td>07-37-35/517</td>
</tr>
</tbody>
</table>

*ADA compliant

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Be sure to ask for a Certified wedi Installer.
view (1 : 7.5)

3D view (1 : 10)

top view (1 : 7.5)
Z 00 00 19 25
Kunde/ client: wedi corporation
BV/ BP: ---

1/4" sloped
1-1/8"

1 1/16" 1 1/2"
1 1/16"
1-4"

section A-A (1 : 10)

1/4" sloped

1-4"

top view (1 : 10)

3D view (1 : 15)

wedi bench USA
dimensions: 1' 4" x 2' 8" x 1' 8"

wedi GmbH
Hollefeldstrasse 42
48282 Emsdetten

Benennung/ Designation

wedi GmbH
Holledfeldstrasse 42
48282 Emsdetten

Datum: 03.12.2009
Name: vo

Fertigungszeiten/ Bautoleranzen:
finished condition/ tolerances:
nach DIN 18202

wedi Vertrieb/ sales
Fon +49 (0)2572 / 156 - 0
Fax +49 (0)2572 / 156 - 133

wedi Projektabteilung/projekt dept. Fon +49 (0)2572 / 156 - 0
Fax +49 (0)2572 / 156 - 239
view (1 : 10)

32\frac{1}{8}"

\frac{1}{16}"

20"

\frac{1}{16}"

\frac{1}{4}"

detail A (1 : 2)

top view (1 : 10)

Kunde/client: wedi corp.

BV/DP: ----

Benennung/designation

wedi bench full foam USA

Art.: 07-37-84/101

wedi GmbH
Holfeldstrasse 51
48282 Emsdetten

wedi Vertrieb/sales Fon +49 (0)2572 / 156 - 0
Fax +49 (0)2572 / 156 - 133

wedi Projektabteilung/project dept. Fon +49 (0)2572 / 156 - 0
Fax +49 (0)2572 / 156 - 239

filename: 073784101_bench_full_foam_USA.iam
Z 00 00 48 85
Kunde/ client:
BV/ BP :

wedi GmbH
Hollefeldstrasse 51
48282 Emsdetten

Benennung/ designation
wedi Niche 16" x 16"
Art.: 07-43-15/301

Datum name
02.06.2009 nd
30.01.2012 nd

3D drawn 2D drawn CAD/CAM Progr.

Datum name
13.06.2012 nd

Fertigungszustand/ Bautoleranzen:
finished condition/ tolerances:
nach DIN 18202

DIN A4
filename: 074315301_Niches_16x16.lam

16" 13"

1 1/2"

1 1/2"

1/2"

2 1/4" 2 1/4"

12"

1 1/2"

1 1/2"

1/2"

1/2"

1/2"

1/2"

section A-A (1 : 5)

top view ( 1 : 5 )
wedi Niche  16" x 22"

Art.: 07-43-15/403

wedi GmbH
Hollefeldstrasse 51
48282 Emsdetten

wedi Vertrieb/ sales
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wedi Projektabteilung/project dept.
Fon +49 (0)2572 / 156 - 0
Fax +49 (0)2572 / 156 - 239

Z 00 00 48 86
Kunde/ client:
BV/ BP:

section A-A (1 : 5)

top view( 1 : 5 )