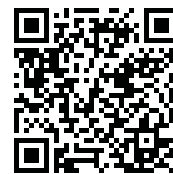




Uberboard Classic Waterproof Backerboard

Wall use: Installation Manual

Contents:
Section 1W
Waterproof Shower / Wall use



PMG-1682



WWW.UBERTILE.COM

The information within this guide is for reference only and does not supersede requirements from other product manufacturers or building codes.

Consult and follow manufacturers' specific installation and safety instructions.

Rudiger Group Inc bears no responsibility or liability for damage(s) resulting from the product installation.

All tasks performed by the product user are at the own risk and liability of the user.

Information may change without notice. Visit www.ubertile.com for most current revision.

rev 01-01-2022

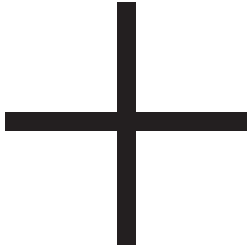


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most current
installation
manual



Section 1 - Planning & Understanding Waterproofing

1. Choosing a grout



Cement based grouts absorb water.

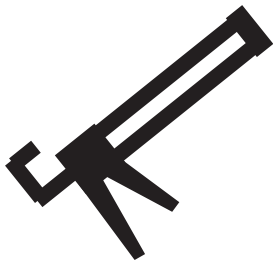
Epoxy grouts, when compared to standard cement based grouts, absorb less water and are thus more suitable for shower use and don't require sealing.

Example:

- The average cement grout has a water absorption rate of 4 - 10%
- The average epoxy grout has a water absorption rate of 0.5% or less

For this reason we suggest using an epoxy grout, such as Kiesel Servoperl Royal Epoxy Grout.

2. Movement Joints?



The need for proper movement joints (silicone caulk) in the finished tile installation are mandatory, however often overlooked or forgotten altogether.

The reason movement joints are so important is that they help minimize stresses from movements within the structure, including expansion & contraction, all while maintaining a watertight seal.

Movement joints are required by industry standard in Canada defined by the TTMAC detail 301MJ-2019-2021.

To maintain an aesthetically pleasing look, Kiesel produces color matching silicones to match Kiesel grout colors for a seamless appearance.

At minimum silicone must be applied as a movement joint at these locations:

- Where the shower wall meets the shower floor
- Where the shower wall meets the shower ceiling
- Where a wall meets another wall (ie inside 90° corners)
- Where the shower curb (threshold) meets the shower floor
- Where a bench / seat meets the shower floor or shower wall
- On the inside intersections of a shower niche

Check with the silicone manufacturer for proper installation technique, the use of foam backing rods, etc.

Section 1W - Waterproof Showers (NOT for steamshower use)

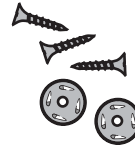
Required materials:



Uberboard Classic
1/2" thick panel



überseal™
sealant



XPS screws/washers
(for wooden studs)

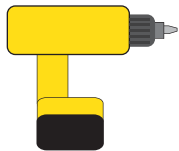


Modified
Thinset
ANSI A118.4
or A118.15

Required tools:



Tape Measure



Power Drill



Marker / Pencil



Utility Knife
or HandSaw



überseal™
spreading tool

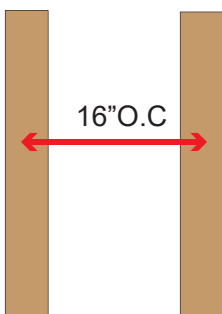


Caulking Gun

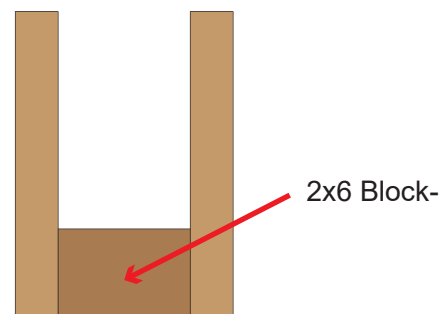
Required Safety :



Requirements Studs / Backing:

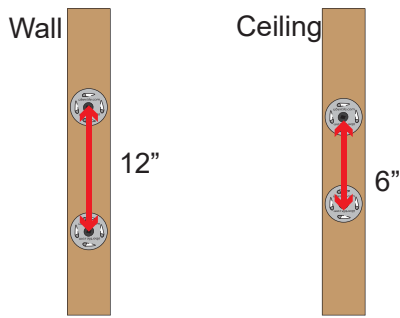


Wood studs or heavy gauge steel studs.
Minimum stud spacing is 16" O.C.
for wall or ceiling installations.

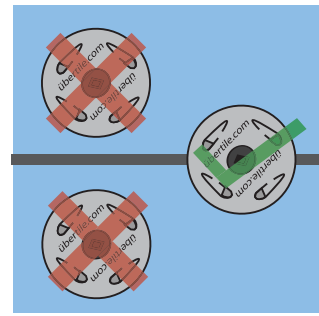


At the horizontal and vertical intersections between the "Ubertile Pre-sloped Shower Pan" and waterproof wall panels, the studwork must include blocking which runs around the perimeter of the "Ubertile Pre-sloped Shower Pan" using 2x6 blocking or greater.

Fastening Uberboard Panels:

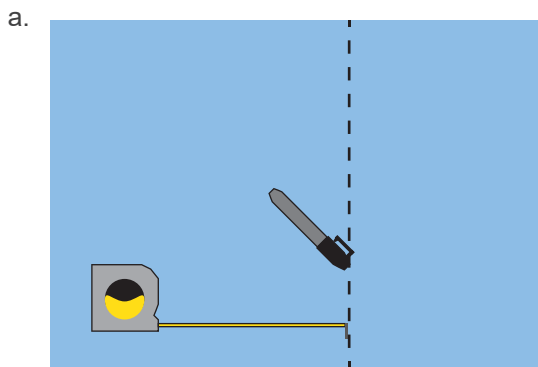


To fasten the "Uberboard Panels" to studs, use only "XPS screws/washers" installed at: Walls 12" O.C, Ceilings 6" O.C.

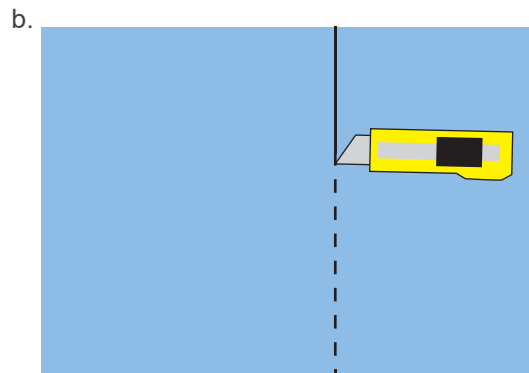


At panel seams, apply one "XPS fastener" directly at the panel seam, with the "XPS washer" positioned so 2 teeth are in contact with each sheet.

Cutting Uberboard Panels:

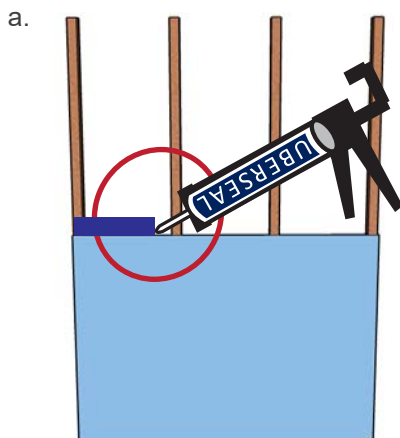


Measure and mark sheet.

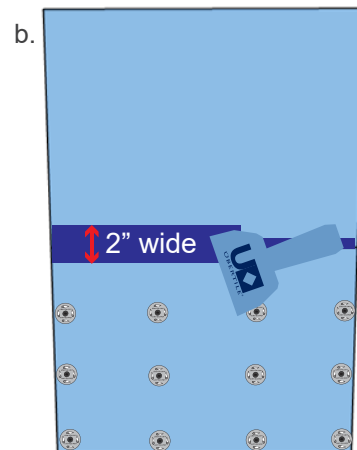


Cut with a utility knife or hand saw.

Sealing Uberboard Panels:

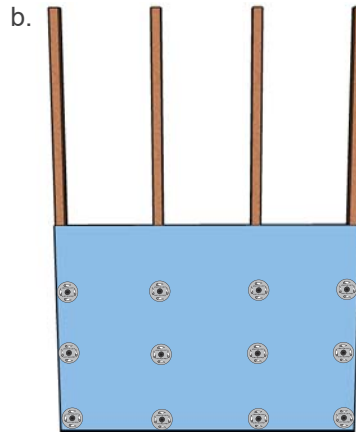
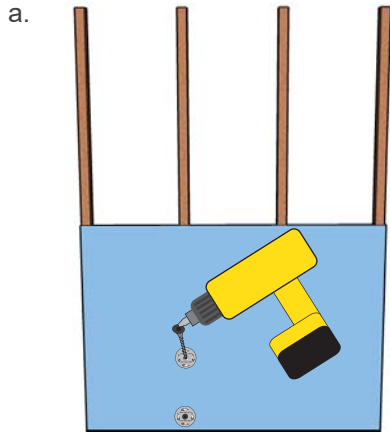


Panel seams are sealed using "überseal™ sealant",

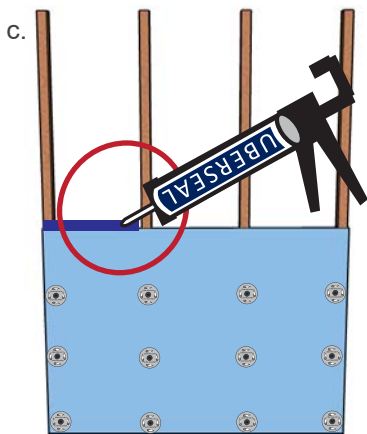


"überseal™ sealant" when tooled flat must cover a minimum 1" onto each surface (2" total width).

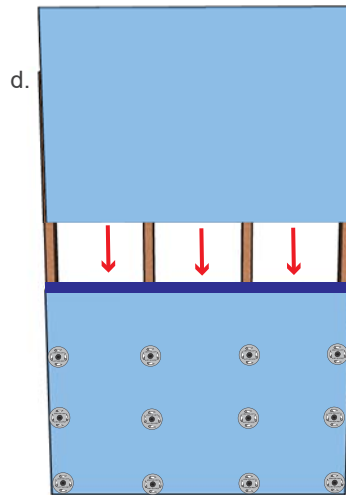
Installation - Step 1 - Fasten Uberboard Classic Panels to wall studs



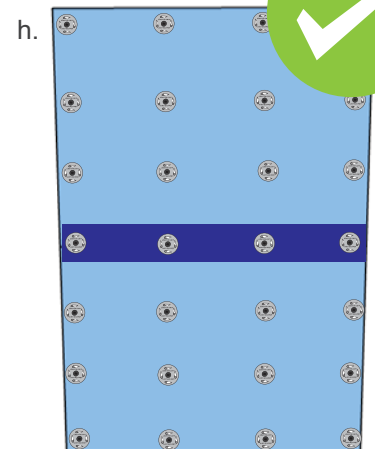
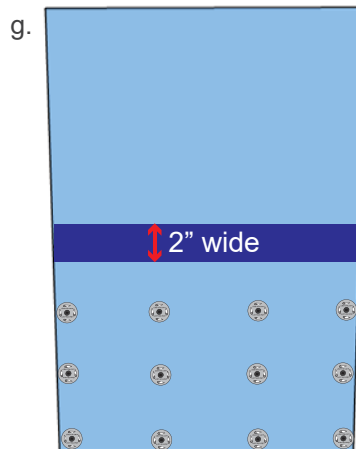
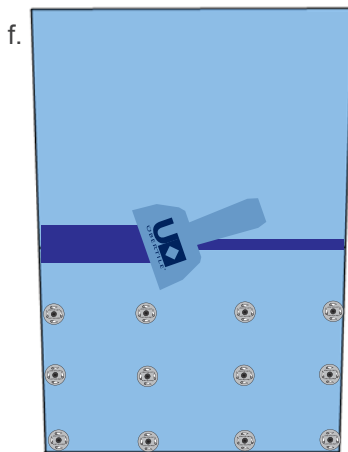
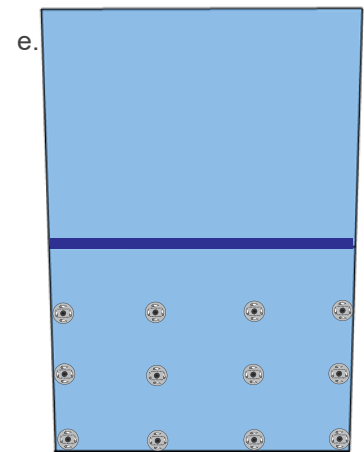
Fasten the panel to the studwork using the "XPS screws/washers".



When butting together adjoining panels, first apply a liberal bead of "überseal™ sealant" to the top 1/2" thick portion of the panel.



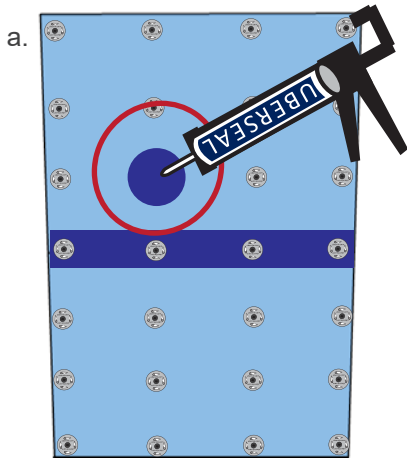
Insert the adjoining panel into the still fresh "überseal™ sealant".



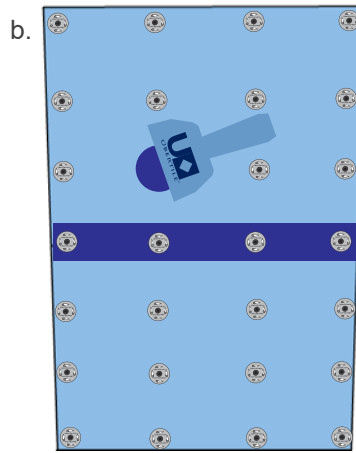
Spread / tool the "überseal™" flat / smooth to a minimum width of 1" onto each surface (2" total width).
If a 2" total width is not achieved, immediately apply additional "überseal™" spreading / tooling flat again until the 2" total width is achieved.

Continue fastening panels.

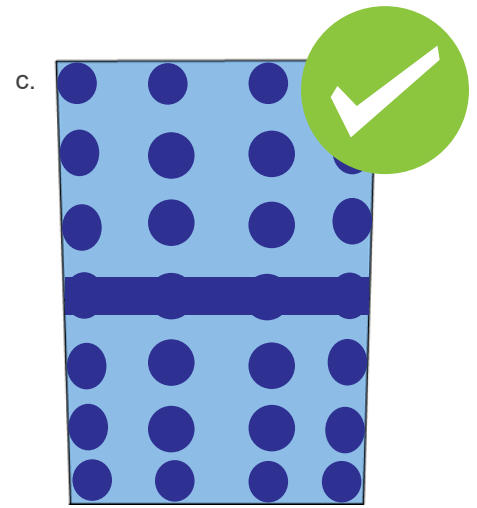
Installation - Step 2 - Seal all fasteners



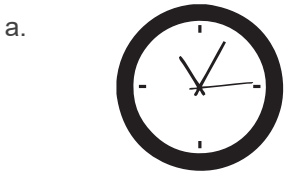
Apply "überseal™ sealant" fully covering each "XPS washer/screw" surface.



Spread / tool the still fresh "überseal™ sealant" flat, covering the "XPS washer/screw" surface completely.



Installation - Step 4 - Proceed to Tiling



Wait 24 hours for "überseal™ sealant" to cure before installation of tiles or flood testing.

If the assembly is not being flood tested, you can begin tiling within 2 hours of the "überseal™ sealant" being applied.

Ideally, wait 24 hours to perform a flood test, following ASTM D5957 "Flood Testing Horizontal Waterproofing Installations".

ASTM D5957 specifies important details such as "using a brace / ballast" (ie. weight like a bag of thinset or box of tiles) placed against the outside of the shower curb to ensure the weight of the water does not push outward and damage the assembly.

However if required you can flood test as soon as 2 hours after the entire shower assembly (walls, floor, curb and überseal™) has been completed under the conditions below:

Flood testing sooner than 24 hours (minimum 2 hours) conditions:

- Do not "break the bond" of the fresh tiling thinset.
- Limiting the amount of water used for to reduce the weight during thinset and überseal curing.
- Fill the water ONLY partway up the überseal™ wall / floor / curb seam.
- überseal™ is a "moisture curing" meaning water will not damage curing überseal™

Important information:

Tile Requirements:

- Tiles must be rated for use in a wet area.
- Wall Tiles can be Natural Stone, Ceramic or Porcelain.
- Maximum allowable finished tile weight (including grout and setting materials) is 7lbs / sqft.
- Minimum tile size is 2" x 2" (50mm x 50mm). Tiles smaller must be grouted with an epoxy grout.
- Minimum tile thickness is 6mm (1/4") thick.
- There is no maximum tile size, however use of larger tiles requires a greater tolerance of surface flatness when installing the tiles to ensure adequate thinset coverage.

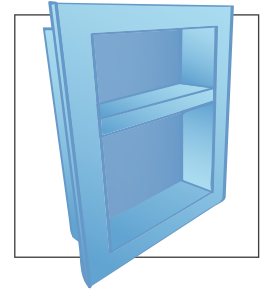
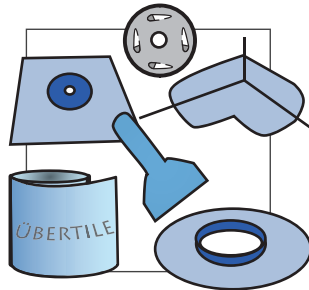
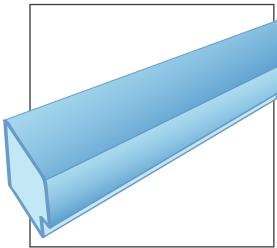
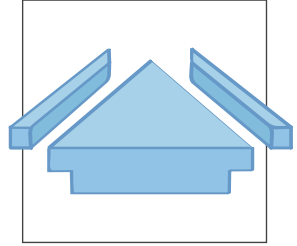
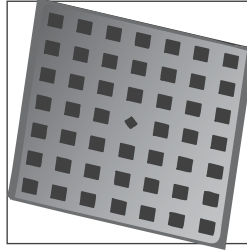
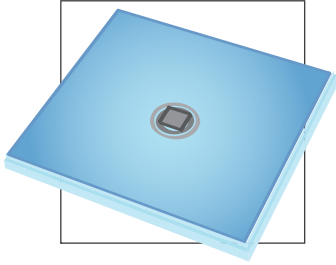
Uberboard Classic and Uberboard Tech panels are not intended for steam shower use.

For steam showers, use Uberboard Vapor panels, following the Uberboard Vapor Installation Manual.

- Movement joints (ie silicone caulk) must be included in the finished tile installation at all changes or interesections in plane.
- Only use ANSI A118.4 or A118.15 Thinset to adhere tiles. NEVER use mastic(s), premixed or solvent based adhesives.
- Do not expose any parts of the products to solvents, or temperatures over 45 degrees Celcius.
- When storing the panels for a long duration of time, store flat and away from UV light (sunlight).
- Follow all applicable TTMAC , NTCA and / or TCNA guidelines when installing tile.
- For interior use only
- Uberboard Classic and Tech Panels are part of a complete system of Ubertile waterproof products. See www.ubertile.com for full product catalog, installation manuals, etc
 - Damage from fire;
 - Damage caused by an improper structure, backing and or structural deflection;
 - Staining;
 - Damage from mold and/or mildew growth;
 - Damage from the Product being installed in an exterior environment;
 - Movement joints (ie silicone caulk) must be included in the finished tile installation at all changes or interesections in plane.

The Ubertile® Uberboard™ is part of a complete system of Ubertile waterproof products.

Visit www.ubertile.com for more product details.



Have Questions?
We're here to help
Contact us 9-5 MST
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