

Uberboard Classic Waterproof Backerboard

Floor use: Installation

Contents:
Section 1F
Residential Floor Use



PMG-1682



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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.

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scan for
most current
installation
manual



Section 1F - Residential Floor Use

Required materials:



Uberboard™ Classic
1/8", 1/4" or
1/2" thick panels



Modified
Thinset
ANSI A118.4
or A118.15



wet areas:
Uberseal™ sealant

OR



dry areas:
alkali resistant
fiber mesh tape

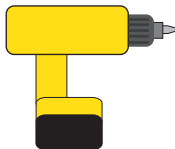


XPS fasteners (screws/washers)
(for wooden subfloor)

Required tools:



Tape Measure



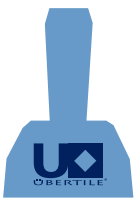
Power Drill



Marker / Pencil



Utility Knife
or HandSaw



überseal™
spreading tool



Caulking Gun



3/8" x 3/8"
sq-Notched Trowel
(to set Uberboard™
1/2" thick panels)



1/4" x 3/8"
sq-Notched Trowel
(to set Uberboard™
1/8 & 1/4" thick panels)



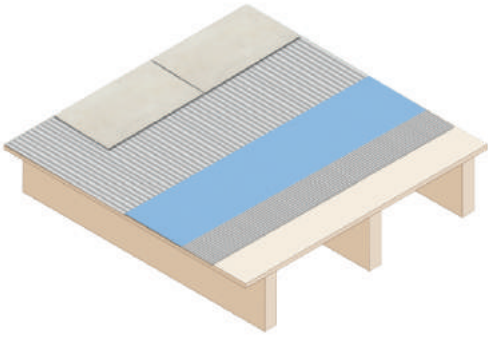
1/4" x 3/16"
v-Notched Trowel
(to set fiber mesh tape)

Required Safety :



Requirements:

Application on Plywood (interior use only)



Basic Requirements Joist System:

-Subfloor must be structurally sound, clean, dry and free from contaminants or coatings

-Plywood or OSB Subfloor
5/8" @ 16"OC Joist Spacing

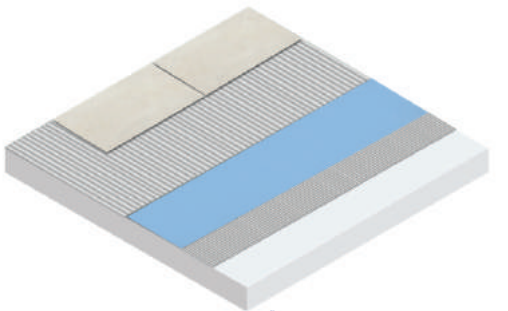
-Plywood or OSB Subfloor
3/4" @ 19.2"OC Joist Spacing

-Joist system must be engineered to meet L/360 deflection and the weight of the intended Porcelain or Ceramic tile

-Floor must be level & flat to within 1/8" over 6' prior to installation of Uberboard panels.
Sand high seams in sheets and fill low spots with suitable filler prior to installing Uberboard panels

-Subfloor and joist system must be constructed to meet local building code

Application on Concrete (interior use only)



Basic Requirements Concrete:

-Concrete must be structurally sound, clean, dry and free from contaminants or coatings or bond breakers

-Concrete must be more than 28 days old

-Lightweight concretes must have a 2000psi min compressive strength

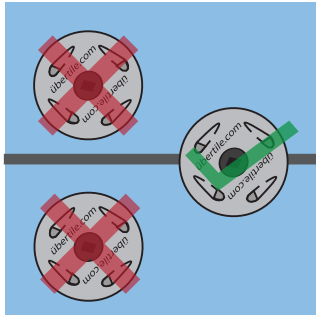
-Gypsum based toppings must have a 2000psi min compressive strength

-Floor must be level & flat to within 1/8" over 6' prior to installation of Uberboard panels.

If required use a suitable leveller prior to installing Uberboard panels

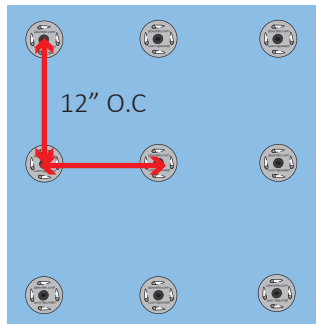
Requirements continued:

Joining Seams with fasteners (wood subfloor only)



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.

Faster Frequency (wood subfloor only)



To fasten the **“Uberboard Panels”** to a wooden subfloor, use **“XPS fasteners”** installed at a rate of every 12” OC.

Seam Treatment:

Floor installations using Uberboard require that the panel seams are treated & filled, using one either 2 options:



überseal™
sealant

For a waterproof installation:
Use überseal™ sealant, spread to a width of a minimum 2” (1” onto each surface).



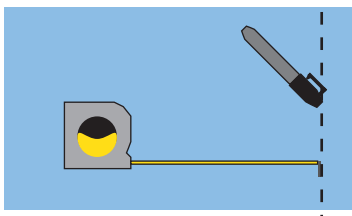
alkali resistant
fiber mesh tape

For a non-waterproof installations:
Use an alkali resistant fiber mesh tape with modified thinset.

Installation:

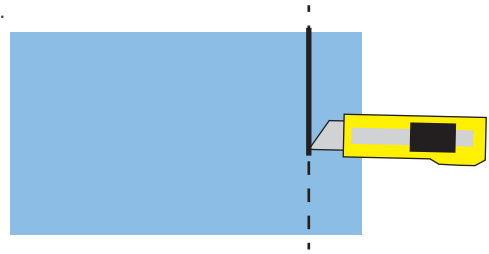
Cutting Uberboard Panels:

a.



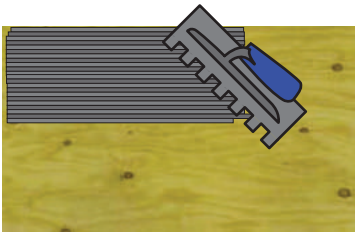
Measure and mark sheet.

b.



Cut with a **utility knife** or hand saw.

Installing Uberboard Panels:



1. Apply modified tiling thinset to subfloor,
 - use 3/8"x3/8" sq. notch trowel for 1/2" thick panels
 - use a 1/4"x3/8" sq. notch trowel for 1/8" & 1/4" thick panels

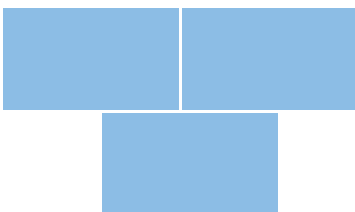
Thinset lines must be combed straight, in one direction (the shortest uberboard panel dimension). This will minimize trapped air / voids.



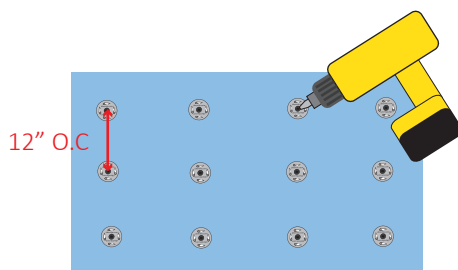
2. Place the Uberboard panel into the fresh thinset.

Press Uberboard panel firmly into the fresh thinset to ensure panel is fully embedded.

Verify for adequate thinset coverage.



3. When placing multiple Uberboard panels, offset / stagger the sheet seams by 50%.

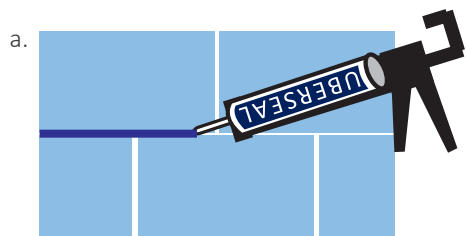


4. (wood subfloor only)
With the thinset still fresh, apply xps fasteners at a rate of 1 every 12" OC.

Note: Do not over tighten the fasteners to avoid over-displacing / over compressing the fresh thinset which would create a void.

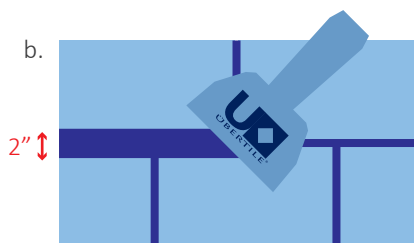
Installation continued:

5. The seams of the Uberboard panels must be treated prior to tiling. There are 2 options to treat the seams described below:

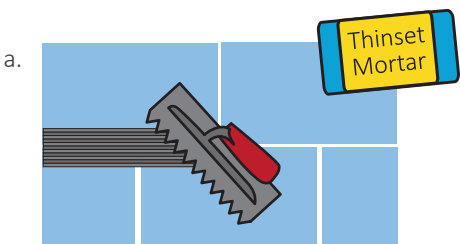


Option 1, for waterproof installations:

Apply Uberseal sealant to the panel seams.

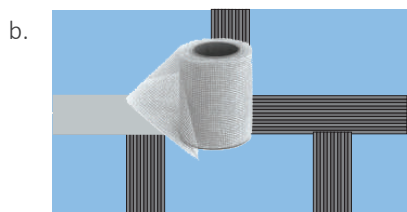


Spread the fresh Uberseal to a width of a minimum 2" wide. (1" onto each panel surface).

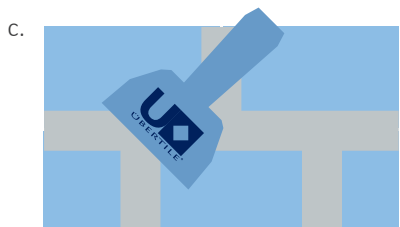


Option 2, for non-waterproof installations:

Apply modified tiling thinset to the seam, using a 1/4"x3/16" v-notch trowel.



With the thinset still, fresh embed an alkali resistant fibermesh tape.



With the thinset still fresh, spread thinset flat / smooth using a flat trowel.



Limitations:

- Residential Use only
- Some subfloors may require a primer prior to application of thinset mortar. Check with thinset manufacturer for details and requirements for priming and bonding suitability to the subfloor.
- Tile Requirements:
 - Tiles must be rated for use in a wet area.
 - Tiles can be Ceramic or Porcelain. Not for use with Natural Stone Tiles.
 - Maximum allowable finished tile weight (including grout and setting materials) is 7lbs / sqft.
 - Minimum tile size is 8" x 8"
 - Minimum tile thickness is 8mm (5/16") thick.
 - The maximum tile format can be no larger than 4sqft in total surface area.
- Cracks larger than 3mm in width must be treated according to TCNA F125A
- Do not use to bridge live or active / moving cracks in concrete
- Saw cuts in concrete must be honored through up into the tile installation
- Uberboard does not replace the requirement for proper expansion and movement joints
- On Concrete floors, ensure there is no hydrostatic pressure as the panel may trap moisture or vapor
- Only use ANSI A118.4 or A118.15 Thinset to adhere tiles and Uberboard.
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 panels used on a floor are NOT intended as a replacement for a presloped shower floor.
Do not use the Uberboard panels as a shower base.
- Uberboard Panels are part of a complete system of Ubertile waterproof products.
See www.ubertile.com for full product catalog, upto date installation manuals, etc.