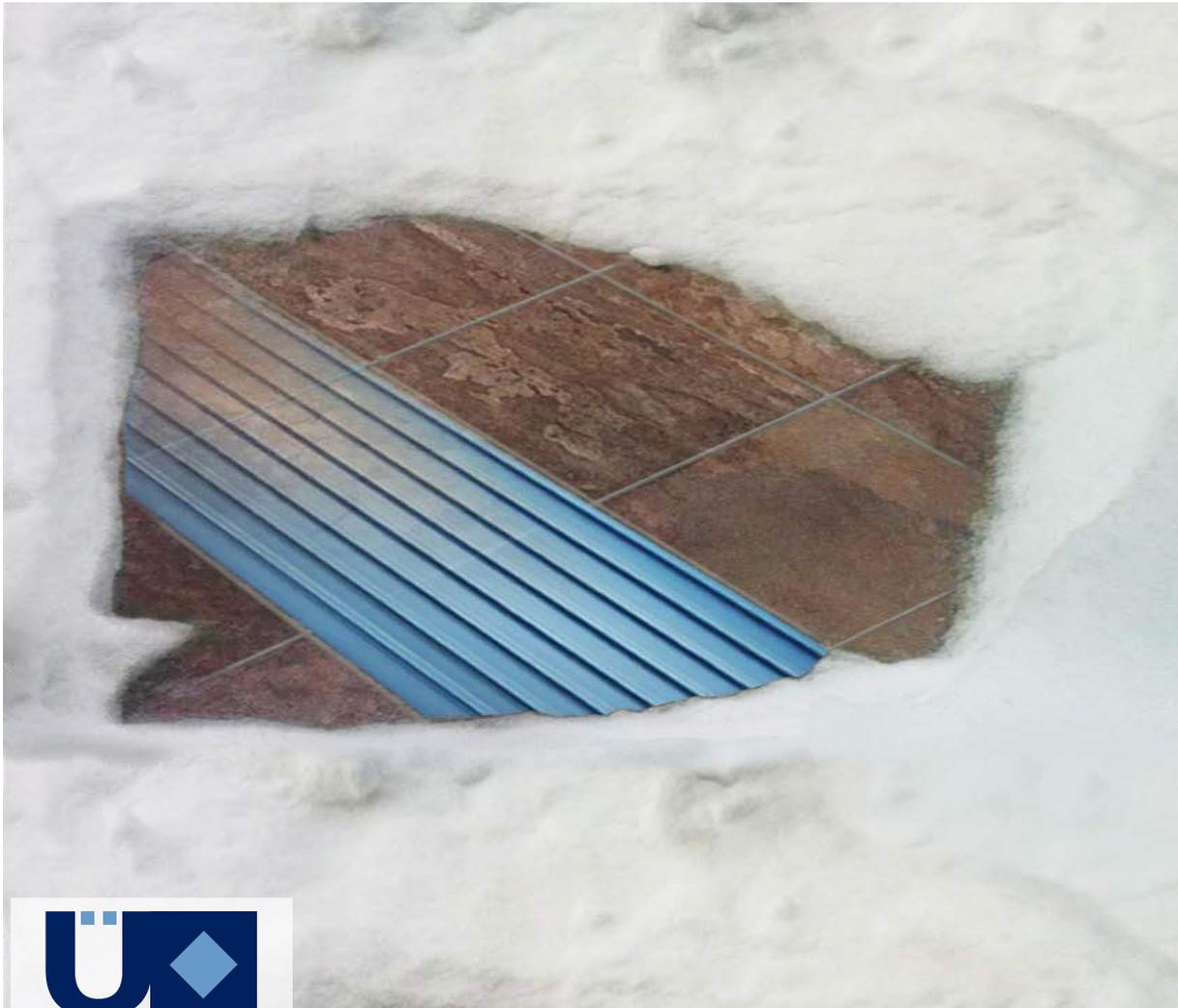




überdeK™ Installation Manual

You must read and understand entire manual **before** installing products.



WWW.UBERTILE.COM

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

Always consult and follow manufacturers specific installation and safety instructions BEFORE installing any products.

übertile™ bears no responsibility or liability for damage(s) resulting from the contents contained within this manual.

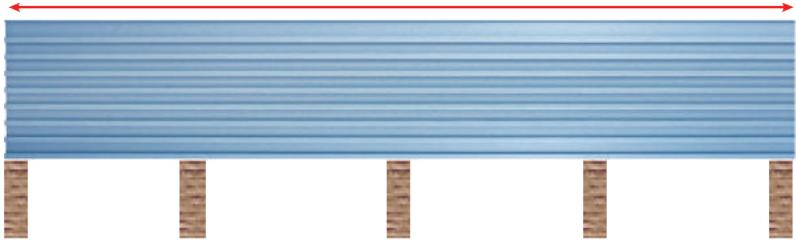
All tasks performed by the product user are at the own risk and liability of the user.



REQUIREMENTS

- U Slope joist system a minimum 6 mm per 305 mm ($\frac{1}{4}$ " per foot) for water drainage.
- U Use only überdeK™ fasteners. They have a special head design to properly secure the überdeK™ boards.
- U The tile used must be porcelain with less than 0.5% absorption and meet ANSI A108.5 ratings. It must be rated for exterior application in your specific climate.
A tile with a suitable coefficient of friction is recommended.
- U A minimum tile size of 8"x8" and no larger than 24"x24" can be applied to the überdeK™ surface.
- U Ambient temperature MUST be above +5°C (41°F) for board installation.
Refer to mortar manufacturer minimum temperature installation requirements for corresponding products.
- U Joist span can NOT exceed 16" on center.
- U Joist must be exterior grade, pressure treated wood joists, minimum 2x8 size.
The width of the deck joists and supporting structure must be considered with work loads and specified by an architect to ensure its suitability for the application of tile.
- U Joists must be supported/fastened to the main supporting sections with joist hangers.
- U Maximum variation in the joist system is $\frac{1}{4}$ " in 10'-0" and 1/16" in 1'-0" from the required plane.
- U Follow local building codes and requirements for deck construction.
- U An architect must approve the deck structure (joists, posts, etc) to determine its suitability.
- U Only specified Laticrete™ mortars, grout and membranes are tested and approved for use with überdeK™.
- U Ensure an appropriate waterproofing/flashing/drip edge is used against all vertical/horizontal seams.
Likewise an appropriate drip edge/gutter must be used at the exterior/outside perimeter or edge of the decks tiled structure to ensure water is allowed to properly evacuate the deck, without going under the substrates.
- U Movement joints must be installed as recognized by the TTMAC 09300 Tile Installation Manual. (*every 2439 mm (8') to 3659 mm (12') and around the perimeter of the installation where the horizontal plane intersects vertical*) to accommodate movements attributable to changes in moisture, temperature, and loading.
Do not make cuts for movement joints through the boards.
- U Never use this product on decks above living space without written approval from ubertile tech support.
- U Never drill or penetrate deck surface.
Railings or posts must be fastened onto the fascia of deck and NOT on top of deck or tiled surface.
- U überdeK™ is NOT for use in a vertical application. It is therefore limited to use only on the tread of stairs.
- U If using überdeK™ on stair treads, see separate stair specifications available at www.ubertile.com

IMPORTANT INFORMATION

- a.** 
The boards must be placed onto the joists with the ribbed side facing UP
- b.** 
überdeK™ boards must be laid perpendicular to the deck joists
- c.** Only install überdeK™ directly onto pressure treated deck JOISTS. **NEVER** over any other substrate(s).
- d.** The tile used must be porcelain with less than 0.5% absorption and meet ANSI A108.5 ratings. It must be rated for exterior application in your specific climate.
- e.** When tiling stairs, see page 6 for full details and requirements.
- f.** If using überdeK™ over living space, a code approved, roofing membrane must be used. You must contact übertile tech support for details on the correct procedure.

STEP 1

WHERE TO START ?

Lay the first überdeK™ board directly onto the deck joists, ensure it is straight and square and running perpendicular to the deck joists.

STEP 2

SCREW DOWN

Using überdeK™ screws, place 4 screws per board on every joist, as shown below.



STEP
3

CLIP TOGETHER

Clip the next board onto the previous board by joining the tongue & groove on the edges of the boards. Repeat until the deck structure is completely covered with boards.

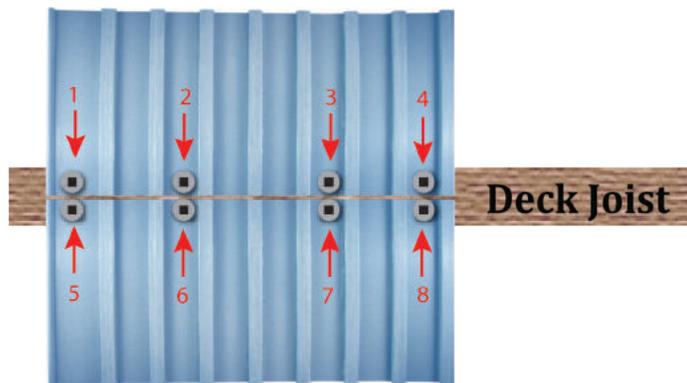


Tip: Use a rubber mallet to ensure the tongue & groove are fully clipped together. Not fully joining together the boards may result in the tiles being uneven or detaching from

IMPORTANT INFORMATION

e.

When joining or butting boards lengthwise, always join or butt the edges over a joist. Each joining must share equal parts of a joist. Each side should receive 4 screws, totalling 8 screws. Do not maintain a continuous seam along the same joist, always stagger the seams. A board should always be fixed to a minimum 3 joists.



f.

To cut überdeK™ boards, use a tile wet saw or circular saw equipped with a masonry blade. If cutting boards parallel to the ribs, the cut should be done as close to a rib as possible.



Follow the saw manufacturer's recommendations for safety precautions when cutting. Always wear all required safety equipment.

STEP 4

FILL VOIDS

Use Laticrete® 3701 Fortified Mortar Bed to completely fill all of the voids between the ribs of the überdek™ boards. Do this by screeding the mortar flush with the top of the ribs. Allow to cure before proceeding.



Follow mortar manufacturer’s recommendations for mixing, application and curing.

STEP 5

ROLL ON WATERPROOFING

NOTE! DECKS OVER LIVING SPACE REQUIRE A CODE APPROVED ROOFING MEMBRANE. CONTACT UBERTILE FOR MORE INFO

Once Mortar Bed has cured, apply 2 coats of Waterproof Membrane – Laticrete® Hydroban® (ANSI A108.13.) to top of überdek™ boards.



Follow waterproofing manufacturer’s recommendations for application and curing. Do NOT Hydroban for decks over living space, as a roofing membrane is required.

STEP 6

INSTALL TILE

The tile used must be porcelain with less than 0.5% absorption and meet ANSI A108.5 ratings. It must be rated for exterior application in your specific climate.

A tile with a suitable coefficient of friction is recommended.



Use Laticrete® Platinum 254® thinset mortar for bonding tiles to überdek™ boards. Follow mortar manufacturer’s recommendations for mixing, application and curing.

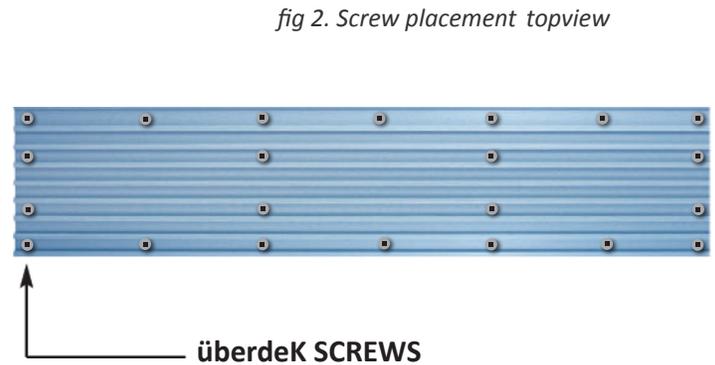
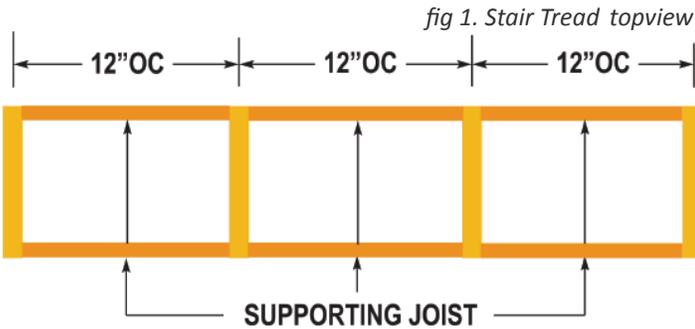


Use Laticrete® SpectraLockProPremium® epoxy grout for grout joints. Follow mortar manufacturer’s recommendations for mixing, application and curing.



STAIRS REQUIREMENTS

When installing überdeK™ on stairs, specific framing must be used to provide the correct support per below information.



-überdeK is rated for **horizontal application (TREAD)** use only. überdeK can NOT be used as a backing or bonding surface for vertical application (RISER). **An alternative, approved bonding surface must be used for the stair risers.**

-**The supporting joist structure can be no more than 12" on center.**

-**Additional bracing** using a minimum of 2x6 joists is **required at the front and rear of the stair joists** as illustrated (*fig 1*) to properly support the tread. The riser substrate is then fastened onto this additional bracing structure.

-Additional fasteners (screws) are used as specified in the illustration (*fig 2*)

-When cutting the boards parallel to the ribs, the cut must be placed at the **BACK** of the stair tread. The cut must be made as close to the ribs as possible.

-1 continuous board must be used on the tread. If the tread length exceeds 12' length, the seam must be placed on a double joist, so **BOTH** joining boards receive a full joist.

-The tile or board can not be allowed to extend beyond the edge of the support structure.

-These instructions are superseded by all local building codes for stair construction.

-All deck or stair Joists must be pressure treated wood