

shower+tec<sup>®</sup>  
board

+ profilit+ec  
positive profile

# General description

## shower+tec<sup>®</sup> board

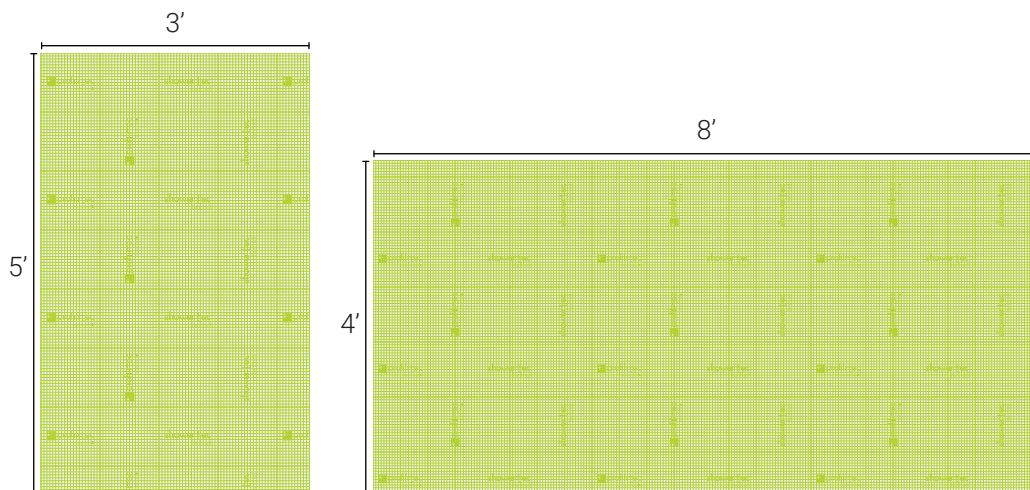
STBO Showertec Board is a **multilayer tile substrate** for shower and bathtub surrounds, made of heat bonded polypropylene layers with fleece webbing on both sides.

The primary material used in its construction is **polypropylene**, a thermoplastic polymer that is commonly used in a wide range of applications due to its **durability** and **resistance** to heat and moisture.

In addition to the layers of polypropylene, Showertec Board also features **fleece webbing** on both sides.

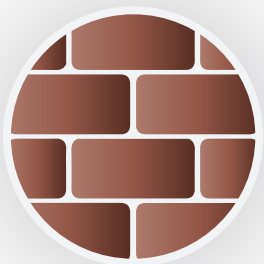
The surface fleece is a soft, non-woven fabric that ensures **secure anchoring** of the thin-set mortar. The surface of the board features printed **gridlines** spaced at 10 mm (3/8") to **simplify installation** and to **save time**.

Showertec Board is designed to withstand the harsh conditions of shower and bathtub environments, where moisture, vapor and heat are constantly present. It is completely **waterproof** and provides a rigid and dimensionally **stable substrate** for tile and other surface materials.

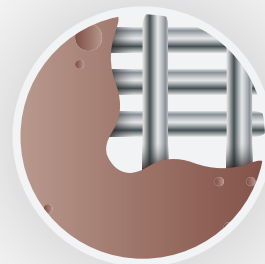


Wall construction and tiling can be challenging when dealing with stud framing or uneven substrates such as masonry walls. Fortunately, Showertec Board provides a practical solution for tiling over wood or metal framing, as well as uneven substrates. With its spot-bonding capabilities, achieving perfectly plumb wall surfaces has never been easier.

### SUITABLE APPLICATION AND STRUCTURES:



**Brick:** Showertec Board provides an ideal substrate for tile installation over existing brick walls. Its waterproof and steam-tight properties makes it suitable for high-moisture environments, such as bathrooms and kitchens.



**Concrete:** it can be used to level out existing vertical concrete surfaces and provides excellent load-bearing capacity, making it ideal for tiling walls.

Showertec Board is highly versatile, easy to install and can be used in multiple applications creating a rigid, stable, waterproof and vapor-tight structure.

## Showers and bathtubs



Showertec Board is often used as a substrate for tile coverings in showers and bathtubs to create a waterproof and vapor-tight barrier.

## Steam rooms and saunas



Since Showertec Board is waterproof, vapor tight and resistant to high temperatures, it can be used in steam rooms and saunas.

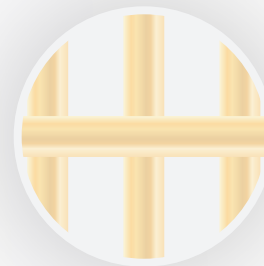
## Wet rooms and pool areas



Showertec Board can be used to create waterproof substrates in areas such as wet rooms, pool areas, and other areas that are exposed to water.



**Masonry Surfaces:** it is an excellent option for tiling over masonry surfaces, such as brick and stone. It can be easily cut to size using the printed gridlines, allowing for seamless installation and minimal waste.



**Wood or Metal Studs:** Showertec Board can be used as a substrate for tile installation over wood or metal studs. It is fastened using typical drywall screws without the need for expensive washers, making it quick, less costly and easy to install. Its resistance to bending ensures a stable and durable installation.



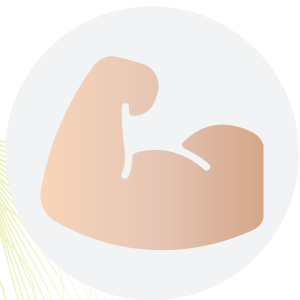
## Waterproof

Showertec Board is the perfect solution for applications where water exposure is a concern, such as in showers, steam rooms, and other wet areas. It is also resistant to mold and mildew growth, making it a popular choice for use in bathrooms and other high-moisture environments.



## Lightweight

Another key advantage of Showertec Board is its lightweight design. Unlike other construction materials that are heavy and cumbersome, Showertec Board is easy to handle and maneuver, even in tight spaces. This makes it the perfect choice for any project that requires precision and attention to detail. Showertec Board provides a genuine advantage in terms of ease of use and convenience, making it valuable whether the user is a professional contractor or a DIY enthusiast.



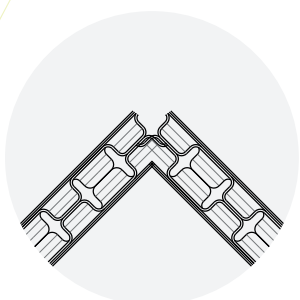
## Durable

Showertec Board is durable and long-lasting and due to its unique construction and high-quality materials, it will withstand the harshest installation conditions.



## Fastened using drywall screws, no washers required

Showertec Board can be fastened using common drywall screws without the need for washers. This can make the installation process quicker, easier and less costly as drywall screws are readily available at most hardware stores and are easy to work with.



## Partially cut and bent without joints

Showertec Board can be partially cut and bent to create watertight internal corners, which is a unique advantage. This feature saves time and effort during the installation process.



### Made with recycled material and fully recyclable

Showertec Board is made with recycled material and is fully recyclable, making it an environmentally friendly choice for any construction project. The use of Showertec Board will lead to a reduction in carbon footprint and a contribution to a more sustainable future.



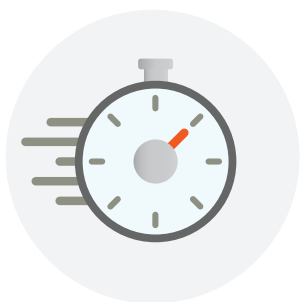
### No cement, fiberglass, or paper products

Showertec Board does not contain cement or cementitious products, fiberglass, or paper products. This means that there is no cement dust dangerous to inhale, making them a healthier choice for any construction project.



### Heat bond technology and no harmful chemicals

Showertec Board is made using only heat bond technology and does not contain harmful chemical substances. It is safer as it reduces the risk of exposure to harmful chemicals during installation and use.



### Quick and easy to install

Showertec Board is designed to be quick and easy to install, without the need for expensive washers. It has high resistance to pull out from studs, making it a reliable choice for any construction project. This feature saves time and effort during the installation process, allowing the project to be completed more quickly and efficiently.



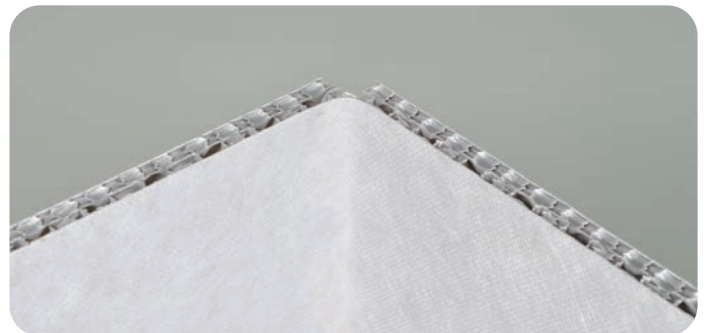
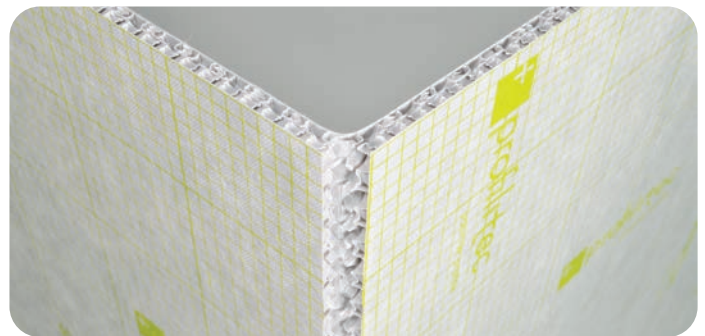
### No damage during transport

Showertec Board is designed to be more durable and resistant to damage during shipping and storage, which can save time and money by avoiding the need to replace damaged products.

# Installation steps

- 1. Prepare substrate:** ensure the substrate is clean, dry, and structurally sound. Remove any debris, sealants, or coatings that may interfere with adhesion. (if board is being bonded).
- 2. Plan layout:** plan the layout of the Showertec Board panels to ensure that they fit snugly against each other and the surrounding walls.
- 3. Cut panels:** use a utility knife or a jigsaw to cut the Showertec Board to the required size and shape. Use a straight edge to ensure clean, straight cuts.
- 4. Install boards:** use 1-1/4" drywall screws spaced at 12" along the wood studs to fasten board.
- 5. Seal seams:** use FOILTEC waterproofing to seal the seams of the Showertec Board. Apply a thin layer of modified thin-set mortar to the seam, press the FOILTEC band into place, and smooth out any wrinkles or air pockets.
- 6. Install accessories:** install any necessary accessories such as shower niches.
- 7. Waterproofing and tiling:** tile over the Showertec Board using a suitable thin-set mortar applied with appropriate trowel size.

Note that these are **general guidelines** and the specific installation steps may vary depending on the project requirements and the manufacturer's recommendations. It is important to follow the installation manual carefully to ensure a successful installation.



## Properties & tests



Water vapor permeance  
**0,009 perms**



Thermal transmission properties (R-value)  
**R 0,984 (hr x ft<sup>2</sup> x F°/BTU)**



Flame spread and smoke developed  
**Class A**

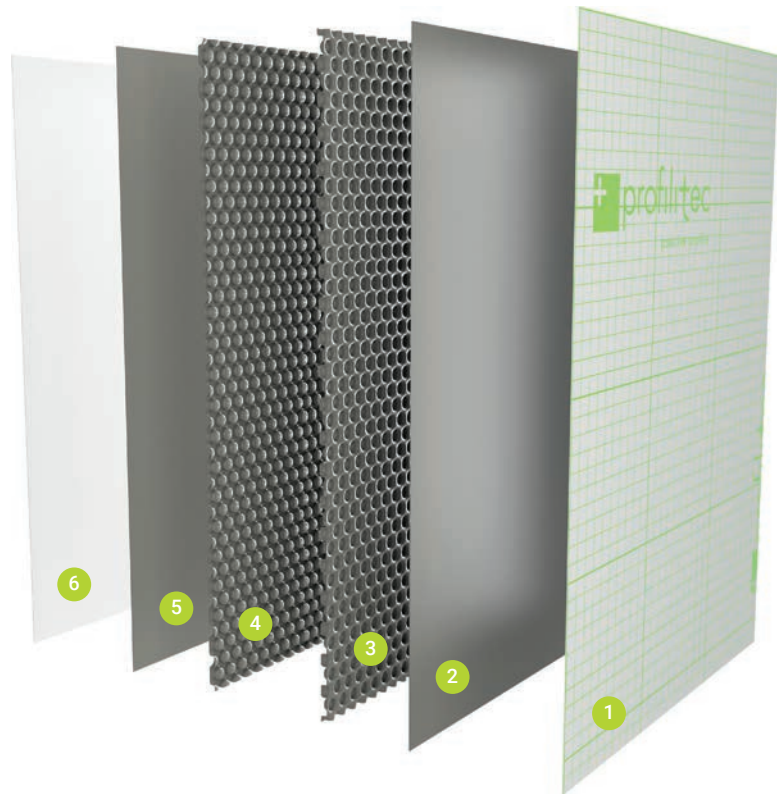


Room corner test  
**Pass**

These tests certify that the Showertec Board meets industry standards for quality and performance, providing a reliable and durable construction solution.

## WATERPROOF MULTILAYER STRUCTURE

- 1 Fabric fleece with printed grid
- 2 Polypropylene sheet
- 3 Polypropylene embossed sheet
- 4 Polypropylene embossed sheet
- 5 Polypropylene sheet
- 6 Fabric fleece



## INSTALLATION ON WOOD STUDS





positive profile

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