

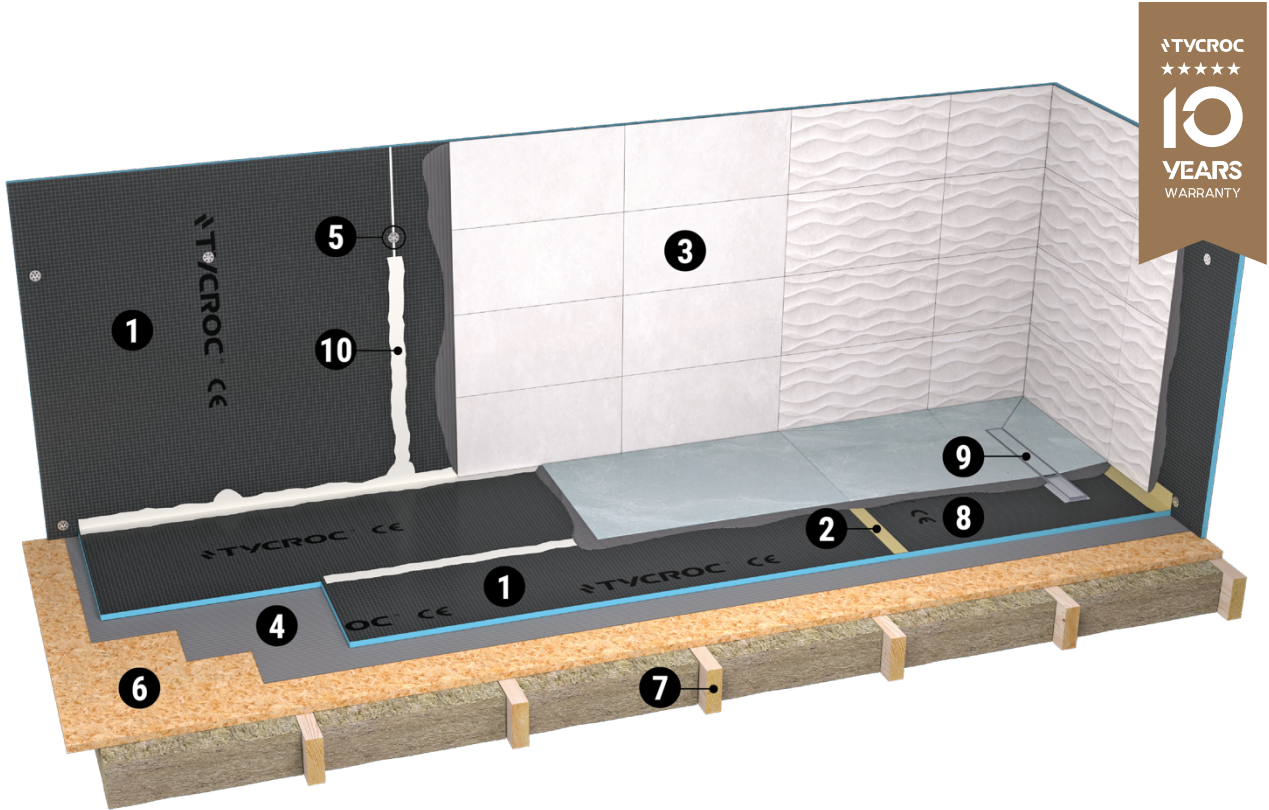


TYCROC® BATHBOARD INSTALLATION INSTRUCTIONS

Revision Date: 1 June 2026

1. TYCROC WATERPROOFING SYSTEM

The Tycroc waterproofing solution covers walls, floors and ceilings with Tycroc waterproof construction boards, with the joints between boards, fixing washers and corners bonded and sealed using Tycroc Premium Fix adhesive sealant. The resulting surface is hydrophobic and immediately ready for tiling or other finishing. Alternatively, joints and corners can also be covered with sealing tape and mastic.



1.

Tycroc TWP construction board
2.

Sealing tape and waterproof mastic
3.

Surface finish (ceramic tile)
4.

Flexible tile adhesive
5.

Tycroc fixing screw and Tycroc fixing washer
6.

Load-bearing subfloor (OSB / plywood)
7.

Structure (floor joist)
8.

Tycroc shower tray
9.

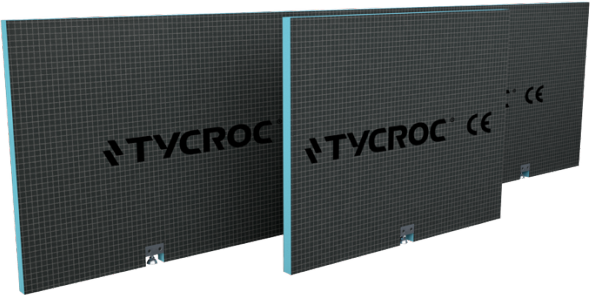
Tycroc shower drain channel
10.

Tycroc Premium Fix adhesive sealant

2. PRODUCT IDENTIFICATION

Product name: Tycroc® BCS & BCH
Product type: waterproof construction board for covering bathtub sides

PRODUCTS	DIMENSIONS
BCS30	2100 × 600 × 30 mm
BCH30	770 × 600 × 30 mm



3. CUTTING AND STORAGE

Tycroc bathboards are easy to cut with a utility knife (carpet/drywall knife) or an electric circular saw. For drilling holes, stone, metal or wood drill bits are all suitable.

There are no special storage requirements, but it is advisable not to store the boards edgewise in order to avoid possible damage (broken corners and edges, etc.). It is also recommended not to lean the boards diagonally against a wall, to prevent the boards from bending.

Please note! Slightly damaged edges or corners do not significantly affect the installation. By using more Tycroc Premium Fix adhesive sealant than usual in such areas (see section 10), the area can still be properly sealed.

4. CONDITIONS OF USE

Tycroc bathboards are suitable for installation on both timber and metal frames, as well as on rigid, load-bearing substrates that meet the relevant building standards.

The surface must be level, dry, strong, rigid and stable. It must also be clean and free from dirt, oil and other contaminants, and not frozen. If necessary, the substrate must be levelled using suitable products.

The Tycroc bathboard is made from Tycroc TWP board, the core of which is extruded polystyrene (XPS foam).

To ensure the rigidity and durability of the board, the waterproof foam core is covered with a layer of polymer cement mortar, on top of which there is a reinforcing fibreglass mesh followed by another layer of polymer cement mortar.

This surface is immediately ready for finishing works.

5. INSTALLATION

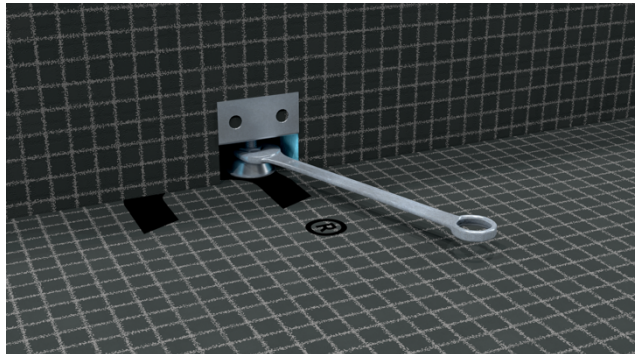
5.1

If necessary, cut the bathboards to the right size. Make sure that, in addition to the Tycroc bathboard, there is also space under the bath edge for the ceramic tile or natural stone to be used later. Apply Tycroc Premium Fix adhesive sealant (see section 6) to the upper edge of the bathboard so that there is a continuous bead of adhesive sealant along the entire length of the edge.



5.2

Apply a similar bead of adhesive sealant to the board edge that will come into contact with the rear wall. Then place the panel into position under the bath edge, level it and fix it in place.



5.3

If necessary, repeat the previous step on the other side of the bath. Fix and seal the boards to each other using Tycroc Premium Fix adhesive sealant (see section 6).



5.4

This surface is ready for finishing works (plastering, painting, tiling, etc.). If necessary, inspection openings can be cut into the board.



6. TYCROC PREMIUM FIX ADHESIVE SEALANT

6.1 PRODUCT DESCRIPTION

Neutral, mould-resistant, paintable adhesive sealant based on hybrid polymer technology.

- Silicone-, isocyanate- and solvent-free.
- Cures odourlessly under the action of atmospheric humidity.
- Fast-curing: within the first hours after application, the product polymerises very rapidly.
- Excellent sealing properties, paintable with acrylic paints.
- High UV, ageing and weather resistance.



6.2 APPLICATIONS

- For bonding Tycroc construction boards both to each other and to other surfaces.
- Bonding works in both indoor and outdoor conditions.
- Suitable for fixing skirtings, profiles, insulation material, decorative panels and similar items.
- Adheres well to metal and other surfaces (e.g. aluminium, galvanised steel, copper, glass, PVC, concrete, wood, brick, stone...).
- Adheres to wet surfaces.
- Chemical resistance: withstands clean, salt and hard water, water-based household chemicals and small quantities of hydrocarbons, diluted acids and alkalis.
- The product does not tolerate solvents or prolonged contact with chlorinated water.

6.3 INSTRUCTIONS FOR USE

- Apply to a clean, dry and dust-free surface.
- For a cleaner result, use masking tape if necessary.
- If necessary, smooth with soapy water. Press the adhesive sealant firmly against the substrate.
- Avoid contact with asphalt or bitumen. Keep away from alcohol-based products (these inhibit polymerisation). It is the user's responsibility to verify the suitability of the product's adhesion, chemical properties and staining behaviour with the substrate.

CONSUMPTION RATE:

- A 290 ml cartridge yields approx. 8–10 linear metres of adhesive sealant
- A 600 ml cartridge yields approx. 16–20 linear metres of adhesive sealant

Please note! The Tycroc Premium Fix safety data sheet and technical data sheet are available at www.tycroc.com.

7. TESTED COMPATIBLE PRODUCTS

Ceresit

In cooperation with Henkel Balti OÜ, we have tested the compatibility of Tycroc TWP construction boards with the following Ceresit products:

- tile adhesives for bonding Tycroc TWP to concrete – Ceresit CM17, CM29, CM49, CM90;
- tile adhesives for bonding Tycroc TWP to OSB, plywood, plasterboard and similar construction boards – Ceresit CM49;
- bonding primers – Ceresit CN94 or R 766;
- levelling compounds – Ceresit CN75 or CN76 + reinforcing mesh;
- waterproofing products – Ceresit CL50 or CL51;
- tile adhesives over Ceresit waterproofing and levelling compounds – Ceresit CM17, CM29, CM49, CM90;
- tile adhesives over Tycroc TWP – Ceresit CM49.

Henkel Balti OÜ draws attention to the following when using Ceresit products:

- When installing Tycroc TWP with Ceresit products, Ceresit installation instructions must be followed;
- [more detailed information is available in Ceresit product installation instructions, technical data sheets and safety data sheets; if necessary, consult Ceresit technical support.](#)



In cooperation with Kiilto Oy, we have tested the compatibility of Tycroc TWP construction boards with the following Kiilto products:

- Adhesive/sealing compound: Kiilto Pro XPU
- Waterproofing: Kiilto Fibergum, Kiilto Keramix A+X
- Corner reinforcement tape: Kiilto Corner Reinforcement Tape
- Pipe penetration reinforcement: Kiilto Pipe Penetration Reinforcement
- Drain reinforcement: Kiilto Easy Kaivolaippa
- Tile adhesive for fixing the TWP board and for tiling: Kiilto Ultra Fix, Kiilto FlexFix, Kiilto FloorFix DF, Kiilto SuperFix DF, Kerapid DF, Kiilto Highflex S2 DF.
- Grout: Kiilto grouts
- Sanitary silicone: Kiilto sanitary silicones

Kiilto Oy draws attention to the following when using Tycroc TWP and Kiilto products:

- The rigidity of the substrate must be sufficient for the surface construction. The board is fixed to the substrate with a suitable Kiilto tile adhesive (notched trowel 6 × 6 × 9 mm) in accordance with the board manufacturer's instructions. The wall-floor joint and pipe penetrations are sealed during installation with KiiltoPro XPU sealant.
- Priming before levelling the board. Board surfaces are primed with undiluted Kiilto Pro Start Primer bonding primer. The primer is allowed to dry completely before underfloor heating cables are installed. A separation tape is installed at the wall-floor joint to prevent the levelling layer from bonding to the wall structure.
- Heating cable. The heating cable or heating mat is fixed to the carefully primed substrate.
- Levelling. After the boards are installed, levelling is carried out with Kiilto Termo or Kiilto Pro Plan Craft levelling compound, with a minimum thickness of 5 mm above the cable. Waterproofing is then applied according to the manufacturer's instructions.
- [More detailed information is available in Kiilto product installation instructions, technical data sheets and safety data sheets; if necessary, consult Kiilto technical support.](#)

For underfloor heating installation:

- Kiilto Pro Start Primer bonding primer
- Kiilto Termo or Kiilto Plan Craft levelling compound

ESSVE

TYCROC and ESSVE recommend using the ESSVE board material anchor SAM for fixing into Tycroc TWP construction boards.

- Tested load capacity per fixing point: 15 kg
- This load capacity applies to material thicknesses of 12 mm and 20 mm, using ESSVE SAM 5E and 6D fixings respectively.



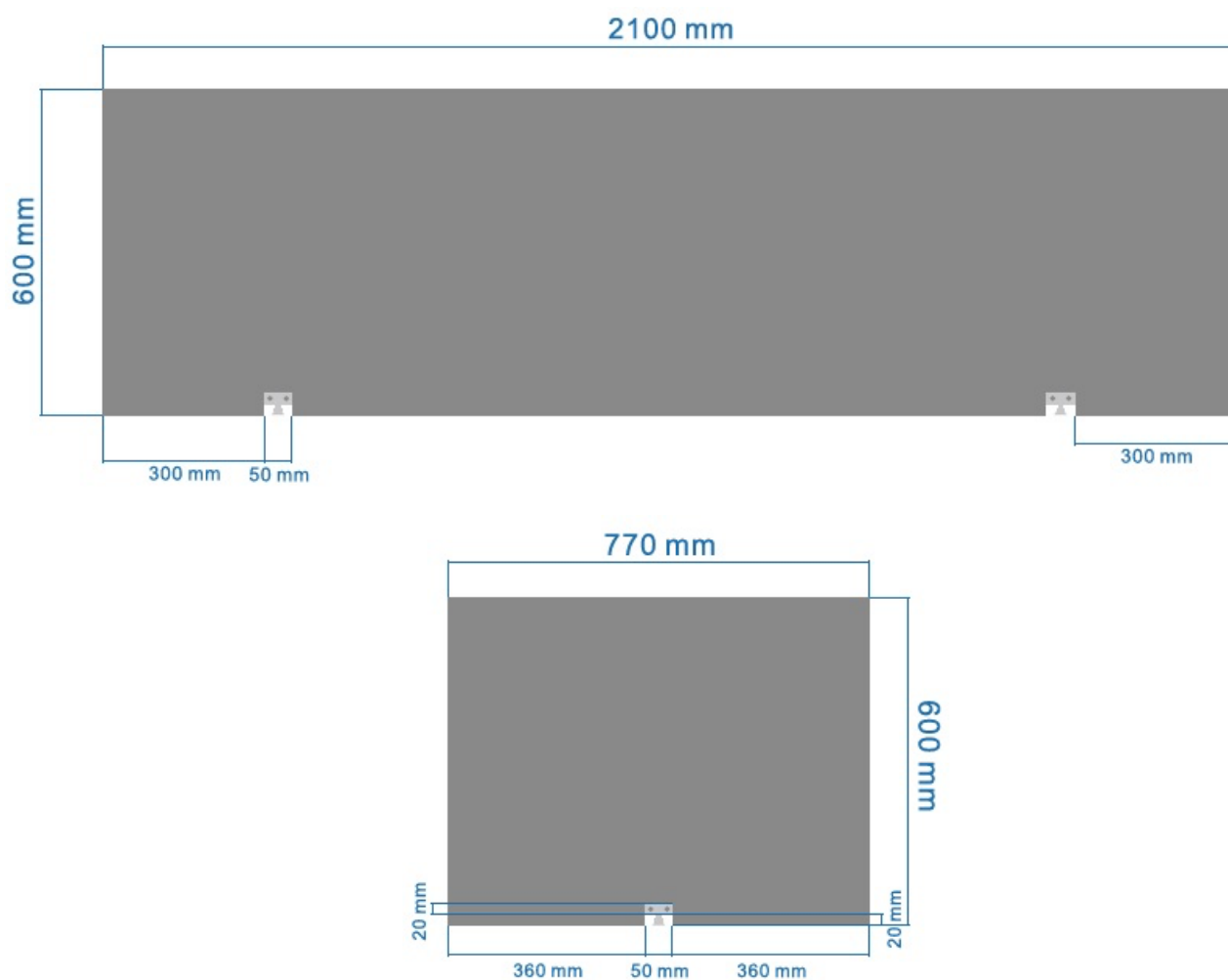
8. LEGAL NOTICE

These installation instructions contain general recommendations and guidelines for the construction of different types of structures and for the installation of floor covering materials. For more detailed installation instructions for a specific floor covering material or for a construction board used as an intermediate layer, please contact the manufacturer or supplier of the material in question. In the event of any conflict, the instructions of the respective manufacturer must always prevail.

Tycroc OÜ shall not be liable in cases where the relevant building standards, these installation instructions or the floor covering manufacturer's installation instructions have not been followed during the construction. We recommend that products be installed by qualified professionals.

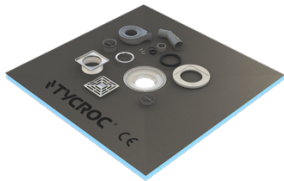
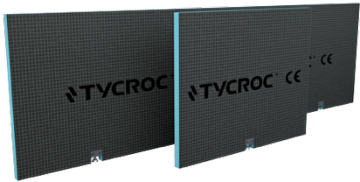
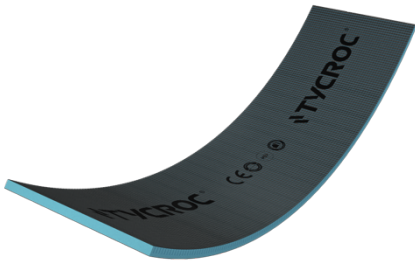
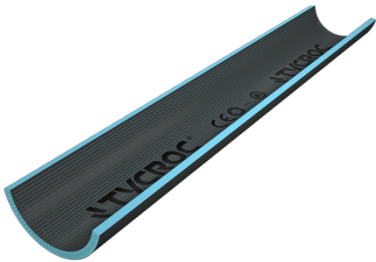
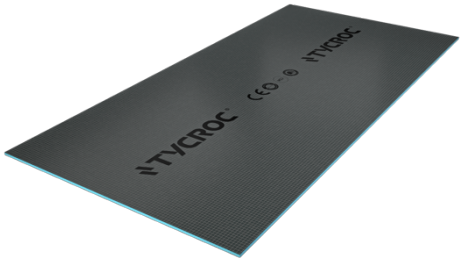
The information presented in these installation instructions is based on the knowledge and tests available at the time of preparation. Tycroc OÜ reserves the right to modify the installation instructions without prior notice. Upon the publication of new installation instructions, all previous installation instructions for the same product or system automatically become invalid.

9. TECHNICAL DRAWINGS



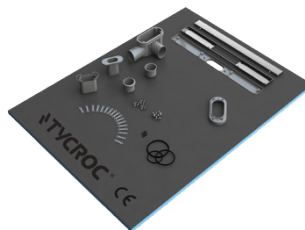
10. TYCROC PRODUCTS FOR A COMPLETE WET ROOM SOLUTION

Waterproof construction boards	
PRODUCTS	DIMENSIONS
TWP06	6 × 600 × 1250 mm
TWP12	12 × 600 × 2500 mm
TWP12×L	12 × 1200 × 2500 mm
TWP20	20 × 600 × 2500 mm
TWP20×L	20 × 1200 × 2500 mm
TWP30	30 × 600 × 2500 mm
TWP40	40 × 600 × 2500 mm
TWP50	50 × 600 × 2500 mm
TWP80	80 × 600 × 2500 mm
Construction boards with longitudinal grooves	
PRODUCTS	DIMENSIONS
FXL20	20 × 600 × 2500 mm
FXL30	30 × 600 × 2500 mm
FXL50	50 × 600 × 2500 mm
Construction boards with vertical grooves	
PRODUCTS	DIMENSIONS
FXW20	20 × 600 × 2500 mm
FXW30	30 × 600 × 2500 mm
FXW50	50 × 600 × 2500 mm
Bathboards	
PRODUCTS	DIMENSIONS
BCS30	2100 × 600 × 30 mm
BCH30	770 × 600 × 30 mm
Shower tray with floor drain	
PRODUCTS	DIMENSIONS
STC90	900 × 900 × 20 mm
STC100	1000 × 1000 × 20 mm
STO150	1500 × 1000 × 20 mm



Shower tray with channel drain

PRODUCTS	DIMENSIONS
STL90	900 × 900 × 30 mm
STL100	1000 × 1000 × 30 mm
STL150	1500 × 1000 × 30 mm



Shower tray without drain

PRODUCTS	DIMENSIONS
ST100	1000 × 1000 × 20 mm



Slope board

PRODUCTS	DIMENSIONS
SSB1530	1500 × 1000 × 15/30 mm
SSB3045	1500 × 1000 × 30/45 mm



Adhesive sealant

PRODUCTS	DIMENSIONS
Tycroc Premium Fix	290 ml
Tycroc Premium Fix	600 ml



Acrylic adhesive

PRODUCTS	DIMENSIONS
Tycroc Fast Fix	15 kg



Metal anchors

PRODUCTS	DIMENSIONS
MED50 (10 tk/pk)	8 × 50 mm
MED80 (10 tk/pk)	8 × 80 mm
MED110 (10 tk/pk)	8 × 110 mm



430 stainless steel fixing washers

PRODUCTS	DIMENSIONS
MEW50 (50 tk/pk)	36 × 0,6 mm
MEW500 (500 tk/pk)	36 × 0,6 mm



Combi screws

PRODUCTS	DIMENSIONS
MES35 (500 tk/pk)	M4 × 35 mm
MES55 (500 tk/pk)	M4 × 55 mm



