

TECHNICAL DATA SHEET

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TYCROC FAST FIX

PRODUCT IDENTIFICATION

Product name: Tycroc® Fast Fix

Product type: Water-based acrylic adhesive

AREAS OF APPLICATION

The product is intended for bonding Tycroc UHP panels to timber structures (e.g. boarding, OSB, plywood, etc.), various construction boards (cement fibre board, plasterboard, etc.), and concrete surfaces. The acrylic adhesive is also suitable for bonding Tycroc TWP or other construction boards to various substrates.



APPLICATION CONDITIONS

Application temperature +18 °C to +25 °C. Relative humidity in the room must not exceed 65%. Prior to application, the adhesive and the material to be bonded must reach the same temperature as the floor (+18 °C to +25 °C). Relative humidity of the substrate must be 85–90% RH at the maximum, depending on the material. Where necessary, the substrate must be protected from moisture.

The product is not suitable for use between two waterproof layers where drying is restricted or impossible. When installing floor or wall covering materials, the conditions specified by the manufacturer / supplier of the respective product must always be followed.

CONSUMPTION RATE FOR BONDING TYCROC UHP PANELS

ca 0,6 kg/m², i.e. one 15 kg bucket covers approx. 25 m². Measured with a B3 notched trowel. (Using a different trowel or bonding different materials will result in a different consumption rate.)

STORAGE AND HANDLING

- Shelf life 18 months from the production date in unopened original packaging.
- Store in a dry, well-ventilated area at temperatures up to +30 °C, protected from moisture.
- Tested freeze-thaw cycles at temperatures -10 °C and +23 °C, one cycle duration 48 hours (24 hours at -18 °C and 24 hours at +23 °C), resistance 3 cycles.

APPLICATION INSTRUCTIONS

Preparation: the substrate must be ready for installation, i.e. load-bearing, clean, dry, and free of oil, dust, and grease. Application conditions must be checked in accordance with current construction requirements and DIN 18356. Sand cement, concrete, and self-levelling substrates, as well as uneven, older, and non-load-bearing surfaces, until a strong, adherent surface is achieved. After sanding, remove dust from the floor.

Application: before application, the adhesive must be thoroughly stirred. Apply the adhesive to the substrate using a notched trowel. Do not use more adhesive than is needed for bonding the floor covering. Install the floor covering immediately or after a short open time. Spread the adhesive carefully to remove excess air and ensure good contact between the adhesive and the floor covering. Best results are achieved by using a flooring roller. Make sure the entire surface of the floor covering achieves good contact with the adhesive.

Wet bonding: apply the adhesive to the surface using a notched trowel. Place the material to be bonded onto the wet adhesive. The latest time for wet bonding is up to 20 minutes after applying the adhesive to the surface. Rub the bonded surface firmly using a suitable tool.

Double-sided bonding: apply the adhesive to the surface using a notched trowel. Place the material to be bonded onto the wet adhesive, separate the surfaces, and allow the adhesive to dry for 5–10 minutes before pressing the bonded surfaces together again. When using double-sided contact bonding, it is particularly important that the covering is pressed firmly against the surface. In wet rooms, all joints of the floor covering must be sealed watertight.

ARTICLES	DIMENSIONS
H4067	15 kg

Packaging:

15 kg bucket – 33 buckets per pallet

TECHNICAL PROPERTIES

Parameter	Value	
Working time	5 - 20 min	
Tack-free time	60 min	
Curing rate	24 mm / 24 h	
Solids content	70 %	
Temperature resistance after curing	-30 to +70 °C	

All values measured at +23 °C and 50% relative humidity.

HEALTH, SAFETY AND ENVIRONMENT

- Ensure sufficient ventilation during application
- Keep out of reach of children
- Avoid contact with skin and eyes. In case of contact with skin or eyes, rinse immediately with plenty of water and seek medical attention.
- Close the packaging immediately after use.
- Empty the packaging completely and dispose of in accordance with local regulations.
- Work processes must be designed in such a way that direct contact with the product is excluded. More detailed safety information is available in the product safety data sheet (SDS).

CERTIFICATIONS AND COMPLIANCE

- Environmental Product Declaration (EPD): in accordance with EN 15804 and ISO 14025:2011
- Finnish M1 Emission Classification



LEGAL NOTICE

The information provided in this Technical Data Sheet is based on current knowledge and testing and is intended as general guidance only. Installation must be carried out in accordance with the manufacturer's instructions and applicable construction requirements. Tycroc OÜ reserves the right to modify product specifications without prior notice.