

TECHNICAL DATA SHEET

Revision Date: 26 May 2026

TYCROC PREMIUM FIX

PRODUCT IDENTIFICATION

Product name: Tycroc® Premium Fix

Product type: Hybrid polymer based adhesive sealant

PRODUCT DESCRIPTION

Tycroc Premium Fix is a high-performance, neutral-curing, mould-resistant, paintable adhesive sealant based on hybrid polymer technology. It is free of silicone, isocyanates, and solvents, and cures by reaction with air moisture without releasing odours. The product provides fast initial curing, excellent adhesion to a wide range of substrates, and long-term resistance to UV radiation, ageing, and weathering.

AREAS OF APPLICATION

Tycroc Premium Fix is suitable for:

- bonding Tycroc building boards to each other and to other substrates
- interior and exterior sealing and bonding applications
- fixing of plinths, profiles, insulation boards, and decorative panels
- bonding of metals (aluminium, galvanised steel, copper), glass, PVC, concrete, wood, brick, and stone
- applications on slightly wet substrates
- joints exposed to fresh, salt, or hard water and household cleaning agents

Limitations:

The product is not resistant to solvents and is not suitable for permanent contact with swimming pool water.

MATERIAL COMPOSITION

Base: Hybrid polymer

Curing system: Moisture curing

Solvent content: None

Silicone / isocyanates: None

STORAGE AND HANDLING

- Shelf life is 18 months from the production date when stored in original unopened packaging.
- Store in a dry, well-ventilated area at temperatures up to +30 °C, protected from moisture.

INSTALLATION

Substrates must be clean, dry, and free of dust, grease, and loose particles. Masking tape may be used for clean finishing. Apply the sealant and press firmly against the substrates. Smooth with soapy water if necessary.

Avoid contact with asphalt or bitumen. Keep away from alcohol-based agents, as these inhibit polymerisation. Compatibility with substrates must always be tested by the user prior to application.

HEALTH, SAFETY AND ENVIRONMENT

- In case of eye contact, rinse immediately with clean water and seek medical attention
- Avoid prolonged skin contact
- Keep out of reach of children
- Dispose of empty cartridges and waste in accordance with local regulations

CERTIFICATIONS AND COMPLIANCE

- Environmental Product Declaration in accordance with EN 15804 & ISO 14025:2011
- Finnish M1 Emission Classification
- Eurofins certification



ARTICLES	DIMENSIONS
H2223	290 ml
H2339	600 ml

Packaging:

290 ml cartridge – 12 cartridges per carton

600 ml cartridge – 20 cartridges per carton



TECHNICAL PROPERTIES (UNCURED)

Parameter	Value	
Tack-free time	25 ± 5 min	
Skin forming time	60 ± 10 min	
Curing rate	3–4 mm / 24 h	
Density (DIN 53 479-B)	1.44 ± 0.05 g/cm ³	
Resistance to flow	0 mm	

TECHNICAL PROPERTIES (CURED)

Parameter	Value	Standard
Joint movement capability	±25 %	ISO 11600
Elastic recovery	> 70 %	ISO 7389
Resistance to flow	0 mm	ISO 7390
Volume change	max. 1.5 %	ISO 10563
Elongation at break	425 ± 25 %	ISO 8339
Modulus at 100% elongation	0.32 ± 0.01 MPa	ISO 8339
Tensile strength	0.60 ± 0.01 MPa	ISO 8339
Hardness (Shore A)	23 ± 2	
Temperature resistance	–40 to +80 °C	

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

LEGAL NOTICE

The information provided in this Technical Data Sheet is based on current knowledge and testing and is intended as general guidance only. Due to variations in substrates, application methods, and environmental conditions beyond the manufacturer's control, Tycroc OÜ cannot accept responsibility for the results obtained. Users are advised to test the product for suitability before use.