

TECHNICAL DATA SHEET

Revision Date: 23 January 2026

TYCROC COMBISCREWS

PRODUCT IDENTIFICATION

Product name: Tycroc® MES

Product type: Combiscrews

PRODUCT DESCRIPTION

Tycroc combiscrews are high-quality fastening screws designed for secure installation of building boards and underfloor heating panels. They are suitable for fastening boards to wooden subfloors and scaffolding, and are compatible with Tycroc insulation and construction systems. Combiscrews provide strong mechanical anchorage, ease of installation, and are supplied in ready-to-use packs.

AREAS OF APPLICATION

Fastening of building boards and underfloor heating panels to structural surfaces.

Tycroc Combiscrews are designed for use in:

- Fastening building boards (e.g., waterproof boards, insulation boards) to wooden floors and framing structures.
- Fixing Tycroc UHP underfloor heating panels to wooden subfloors.
- Other construction fastening applications where a durable mechanical fixing is required.

MATERIAL COMPOSITION

Material: Carbon steel

Coating / finish: zinc coated

STORAGE AND HANDLING

Store in a dry environment to prevent corrosion. Keep packaging intact until use. Avoid exposure to moisture, which may affect screw performance.

INSTALLATION

For optimal performance:

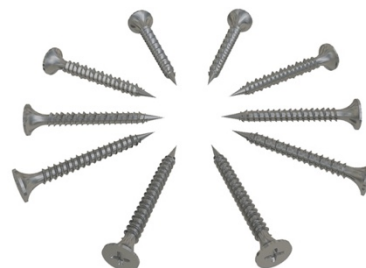
- Pre-drill pilot holes if required by substrate hardness.
- Ensure screws penetrate into the structural substrate by at least 20 mm for secure anchorage.
- Use in combination with Tycroc metal washers (e.g., 36 × 0.6 mm) where specified for board fixation to improve load distribution.
- Follow general construction health and safety practices.

HEALTH, SAFETY AND ENVIRONMENT

- Avoid contact with skin and eyes during installation.
- Wear appropriate personal protective equipment (PPE).
- Dispose of packaging and unused screws in accordance with local regulations.

TECHNICAL PROPERTIES

Parameter	Value
Screw diameter	M4
Lengths available	35 mm / 55 mm
Material	Carbon steel
Mechanical fixing	Yes



ARTICLES	DIMENSIONS
MES35	M4 × 35 mm
MES55	M4 × 55 mm

Packaging: 500 pcs / carton

LEGAL NOTICE

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