



techno-xt

1 2/07 175



TECHNO-XT

Mixed binder powder adhesive
for fixing every kind of ceramic tiles, in
interior and exterior, on walls and floors.
Suitable for over-fixing.

bonding agents
and adhesives

**TECHNOKOLLA**





30±1% grey
31±1% white



5-35°C



30 min



6-10 mm



> 6 h



8 mm



≤ 900 cm²



≤ 1100 cm² int.
≤ 900 cm² ext.



≤ 400 cm²



≤ 900 cm²
in interior

techno-xt



MAIN FEATURES

One component
No vertical shrinkage
Optimum workability
Long open time
No frost

ASPECT

White or grey powder

CONSERVAZIONE

12 months in a dry place

FIELDS OF USE

- Fixing absorbent floor and wall tiles outdoors and indoors. The tiles can be made of: cotto, twice-fired, single-fired ceramic.
- Fixing poorly absorbent or non-absorbent materials such as: single-fired tiles, Clinker and refined porcelain stoneware.
- Suitable for fixing tiles: on top of old ceramic tiles (formats ≤ 900 cm²).
- Fixing natural stone and marble, so long as they are not affected by water.
- Spot-gluing and levelling insulating panels made of polystyrene, polyurethane foam, rock or glass wool, with fiberglass netting buried in the layer.
- Layin on heating screeds (formats ≤ 900 cm²).

SURFACES

Cement plaster, cement-lime mortar, cementitious screeds, concrete, old ceramic floors, plasterboard.

NATURE OF THE PRODUCT

TECHNO-XT mainly consists of high-strength cements, selected silicon/quartz mineral charges and specific additives. Ask our technical department for the safety brief for further information.

OPERATIONS PRIOR TO FIXING

Small localized hollows or gravel pockets in the case of concrete can be levelled (no more than 5 mm thick) with TECHNO-XT 24 h prior to fixing. If thicker layers are required, use RASO or RASORAPID respectively 24 h and 4 h - 6 h before fixing the tiles.

CERTIFICATIONS

==CSTB

CONFORMITY



RECOMMENDED ACCESSORIES



TKW 407
Blender 1200



Spacers



TKW 111
Trowel 8x8 mm



TKW 121
Trowel 10x10 mm

HOW TO PREPARE THE MIXTURE

Grey TECHNO-XT must be mixed with about 7.5 l of clean water ($30 \pm 1\%$). White TECHNO-XT should be mixed with about 7.75 l of clean water ($31 \pm 1\%$). Blend until a homogeneous, lump-free mixture is obtained. It is advisable to use a drill at low speed (approx. 500 rpm) as a high speed will reduce the mechanical characteristics of the product. Wait 5-10 minutes, then stir the product briefly again and start fixing the tiles. The product obtained is a creamy paste that can be easily applied with a trowel and that possesses at optimum thixotropy.

The amounts refer to sole use of the trowel and to flat substrates.

WARNINGS AND RECOMMENDATIONS

Do not apply straight on to:

plaster, anhydrite screeds (apply PRIMER-T at least 6 h prior to fixing)

Do not apply:

- to smoothed or precast concrete
- to wood, vinyl floors or metal
- on RASOLASTIK or RASOGUM
- at temperatures less than 5°C or more than 35°C
- old refined porcelain stoneware tiles or not absorbent surfaces outdoors
- on heating floors with tiles measuring more
- with thickness more than 8 mm
- vitrified stoneware tiles with formats more than 900 cm^2 outdoors
- on façades with tiles measuring more than 400 cm^2

AMOUNT REQUIRED			
Trowel	6x6 mm	8x8 mm	10x10 mm
Techno-xt	3 Kg/m ²	4 Kg/m ²	5 Kg/m ²

techno-xt

TECHNICAL SPECIFICATION	VALUE	REQUISITE	STANDARD
Curing time	10 min		
Pot-life	*6 h		
Open time	*30 min		
Adjustability time	*about 50 min		
Floor tiles can be grouted	*after 24-36 h		
Wall tiles can be grouted	*after 4-6 h		
Surface can be used	*after 14 days		
Creep on a vertical wall	0°	≤ 0,5 mm	EN 1308
Initial tensile bond	1,6°	≥ 1 N/mm ²	EN 1348
Tensile bond after the action of heat	1,4°	≥ 1 N/mm ²	EN 1348
Tensile bond after immersion in water	1,2°	≥ 1 N/mm ²	EN 1348
Bond after freezing/thawing cycles	1,3°	≥ 1 N/mm ²	EN 1348
Compressive strength	10 N/mm ²		EN 196

° according to Standard "EN 12004"

* these times refer to a temperature of 23°C – 50% R.H. They become shorter with higher temperatures and longer at lower temperatures.

SPECIFICATION

Ceramic floor and wall tiles must be fixed with a class "C2TE cementitious powder adhesive according to standard EN 12004", such as the TECHNO-XT type by TECHNOKOLLA, which can be applied in layers up to 8 mm thick on cementitious substrates.

Technokolla reminds you to examine the "notes" document that completes the information in this data sheet. The document can be downloaded in the pdf format.



Technokolla S.p.A.

Via Radici in Piano, 558
41049 Sassuolo (MO) • Italy

Tel. +39 0536 862269
Fax +39 0536 862660

www.technokolla.com
info@technokolla.com