



TEC™ 940 Quick

Rapid curing levelling and skim mortar. Non-pourable

ADVANTAGES

- Rapid curing, drying and recoverable cement mortar, even at high thicknesses
- Thick consistency for filling, levelling and skimming of types of slopes
- Application in one coat of 1 to 50 mm
- Excellent adhesion to sloped substrates
- Increased resistance to perforations

USE

In a rapid construction system, for the preparation of the substrate, for new and renovation works inside premises
TEC™ 940 Quick is a cement-based product, providing rapid curing and crystalline fixation of all water.

Due to its consistency, it is mainly designed for:

- filling holes, various grooves, levelling out significant inconsistencies in cement screed, concrete substrates and others, in renovation works
- rapidly creating types of slopes in high thicknesses, up to 50 mm
- levelling out significant differences in altitude between elements of horizontal construction
- levelling, repairing and improving the surface quality of cement substrates

To improve the surface quality, a levelling and self-levelling patching cement primer from our product range can be applied over the TEC™ 940 Quick mortar layer.

Mixed with water, a homogeneous mortar with thick consistency is produced which can be used for around 15 minutes and curing occurs by hydration within around 30 minutes.

In the event of doubt concerning possible applications, please contact our technical support service first

GENERAL CHARACTERISTICS

Composition	Hydraulic binders, mineral loads, synthetic resins and special adjuvants
Colour	Grey
Packaging	23 kg Kraft paper bag with a polyethylene folded layer
Mixing ratio	5.5 litres of water to 23 kg of powder, i.e. a ratio of 22% in water
Consumption	1.5 kg/m ² /mm thickness
Usage time	Around 15 min*
Opening to pedestrian traffic	Around 30 min after application*
Waiting time prior to bonding of the covering	<ul style="list-style-type: none"> ○ For wood substrate: 1 to 2 days per cm of thickness ○ Other substrates: 24 hours*
Usage temperature	minimum +15°C to +25°C maximum
Storage	6 months in sealed original packaging and protected from humidity and heat
Regulatory labelling	Xi (irritant)
Safety data sheet	Available on request.

* These timeframes are given for a temperature of 20°C and for an application thickness of primer of 3 mm.

The abovementioned values have been determined in a laboratory and must be considered to be indicative, taking into account possible variations in application conditions (substrate absorption, temperature, humidity, etc.)

SUBSTRATES

- The substrate must be sound, stable, flat, clean, permanently dry, not subject to rising damp, dusted and degreased, tension and compression resistant and not cracked.
- The substrate must comply with the standards and texts in force (*DTU, CPT and guides*). Take the necessary measures in the event of non-compliance.
- If the cement-based substrate does not possess the humidity rate required or in the event of paving on an earth platform, apply our TEC™ 024 mvb adhesive barrier procedure for a humid substrate or one exposed to repeat episodes of humidity, and heed the application conditions set out in the product's technical data sheet.
- All crumbling, non-adhesive or poorly-adhesive parts of the substrate (*plaster residues, laitances, surface film, curing compound, paint traces, old traces of adhesive, etc.*) must be removed mechanically by brushing, sanding, milling or shot blasting.

- Carefully remove (*using suction*) dust and non-adhesive particles and apply the primer that is most suitable for the type of substrate and for the future stresses of the premises (see the appropriate technical data sheets).
 - Absorbent substrates: for example TEC™ 049 | TEC™ 044/2 | TEC™ 023
 - Non-absorbent substrates: for example TEC™ 047 | TEC™ 044/2 | TEC™ 023

Note: Check that the primer is dry, has become transparent and tacky before beginning to apply the patcher.

CONDITIONS OF USE

Temperatures to be heeded during use	Application should not be carried out during periods of frost or intense heat The ambient temperature (<i>ideal</i>) must be between +15 and +25°C Application should not be carried out on a floor in the process of heating. Heating is suspended for a minimum of 48 hours before application
Maximum permissible humidity	: 75% (<i>recommended <65%</i>).
Protect the fresh primer from air currents, sunlight and heat	

APPLICATION

- Use mixing water at a minimum of 10°C
- Mix the required quantity of TEC™ 940 Quick with clean water
Note: Only mix the quantity of mortar that could be applied in the 15 minutes* of usage time
- Apply the prepared mortar to the substrate that has already been primed using a trowel, coating knife or a finishing trowel. Up to a maximum of 30 minutes after application, the mortar can be levelled by humidifying the surface slightly and can be polished using a right-angle trowel.
Where possible, apply the desired thickness in a single application. Minimum thickness for stresses by chairs on castors: 1 mm
- In the context of use on a continuous surface, from a load thickness greater than or equal to 10 mm, fit our TEC™ 802 foam bands around the edge of the rooms and around obstacles and gradually incorporate TEC™ 845 sand whilst mixing TEC™ 940 Quick, in a weight proportion of around 30%.
- Cleaning of the tools and fresh stains with clean water.

Reminder:

- Low temperatures increase the usage time of the product, whilst high temperatures decrease it
- Maintain the expansion joints and the peripheral right angle joints of the walls present in the substrate. If necessary, place decoupling bands level with the rising construction elements to prevent any penetration of mortar into the junction joints.

UNDERFLOOR HEATING SYSTEM

TEC™ 940 QUICK can be applied to an underfloor heating system. Contact the relevant DTU to find out the procedure for initial heating and the timeframe for stopping heating prior to fitting and the timeframe for reheating after work.

Not suitable for Electric Underfloor Heating (*EUH*)

RECOMMENDATION:

All work must be carried out in compliance with DTU, CPT, professional regulations, etc. in force, according to the respective technical data sheets for our products, whilst complying with the laying instructions from the covering manufacturer, recommended by the application guide, technical data sheets and other documents.

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