



TEC™ 541

Non-slip fixing agent for removable loose-lay tiles

ADVANTAGES

Strong fixing agent
Solvent-free, very low VOC emissions (EMICODE EC1 Plus)
Very low consumption
For use with absorbent and non-absorbent substrates
Prevents slipping of the tiles caused by traffic or chairs on castors
Retains the removable nature of the tiles over time
Hassle-free – can be used in any premises, including those that are busy
Suitable for application on heated floors



USE

For new application and renovation of removable textile tiles:

- bituminous felt backing
- PVC backing

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

GENERAL CHARACTERISTICS

Base	Aqueous dispersion acrylic copolymer
Colour	White
Density	Around 1.0
Adhesion time	1 to 4 hours depending on the ambient temperature and the porosity of the substrate.
Consumption	80 to 150 g/m ²
Opening to pedestrian traffic	Immediate
Minimum usage temperature	+10°C
Storage	12 months in the intact original packaging in a cool area – Protect from frost
Safety data sheet	Available on request.

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 (NF DTU 51.2, CPT and guides). Take the necessary measures in the event of non-compliance.
- The substrate will already have been treated and prepared beforehand:
 - Concrete slabs and cement screed: using a floor primer from our range.
 - Wood substrates or particleboards: direct bonding is possible or even preparation using a fibre primer from our range.
 - Anhydrite screed: using our self-levelling patching TEC™ 920 Alphy primer.
 - Other substrates: please contact us.
- Refer to the technical data sheets for the different substrate preparation products

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
Minimum usage temperature	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	Substrate and atmospheric temperatures must be at least equal to +10°C. < 70% Ambient humidity and the substrate temperature must be such that there is no condensation at substrate level (<i>dew point</i>).

APPLICATION

- Normal application, by simple bonding of the substrate, using a fine foam or short-haired roller.
- Adhere the covering to the completely bonded fixing agent film (translucent appearance)
Substrate of regular absorbency: after around one hour
Enclosed substrate: after around two hours.
- The bonding time varies considerably depending on the temperature and ambient humidity. It is much longer in cold and humid weather.
- TEC™ 541 retains its properties over time. Tile replacement can be carried out without damaging the substrate and without reapplying the product.
- Roller pressing, designed to expel air trapped under the covering, to flatten the adhesive furrows and ensure good transfer to the back of the covering, must be carried out carefully and involve the entire surface of the covering.
- Joints, levelling and soldering of joints are carried out in accordance with the regulations pertaining to the type of work, whilst complying with the stipulations of the covering manufacturer.
- Cleaning of the tools and fresh stains with clean water.
- Opening to pedestrian traffic is immediate. Final curing requires 48 to 72 hours after bonding. The covering can then be subjected to normal use.

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 guides, technical data sheets and other documents.

UNDERFLOOR HEATING SYSTEM

TEC™ 541 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.

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.

www.tecspecialty.com/europe



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