



TEC™ 951 Flash

Very rapid curing self-levelling patching primer
Recoverable within a timeframe of 1 to 2 hours, depending on the type of coverings

ADVANTAGES

- Excellent self-levelling properties, provides perfect smoothness and a fine surface appearance
- Significant reduction in the downtime or unoccupancy time of the premises
- Ideal product for rapid renovation and repair works
- High level of mechanical properties
- Mortar with reinforced adhesion
- Can be used as paint

USE

TEC 951™ Flash is designed for rapid preparation of internal floors in busy areas prior to laying of coverings: bonded plastic, ceramic, textile or wooden flooring.

Internal floors – all P2 – P3 premises.

- New substrates (*compliant with DTU or CPT*): concrete slabs, smoothed concrete, reported or incorporated cement screed, flooring heated using hot water.
- Renovation substrates: old ceramic coverings, traces of old adhesives

Maximum application thickness in a single application:

- P2: premises with moderate traffic, thickness 1 to 3 mm, without laying tiles or bonded wooden flooring if the thickness is less than 3 mm
- P3: premises with heavy traffic, thickness 3 to 10 mm.

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	Dark grey
Packaging	25 kg Kraft paper bag with a polyethylene folded layer
Mixing ratio	5.5 litres of water for 25 kg of powder.
Consumption	1.5 kg/m ² /mm thickness
Self-levelling ability	Very good up to 10 minutes*
Life cycle in the hopper	Around 15 minutes*
Opening to pedestrian traffic	45 minutes to 1 hour depending on the ambient temperature
Drying time prior to bonding of the covering	Around 1 hour for tiles* (<i>until the floor can be walked on</i>) Around 1 hour for permeable textile coverings* (<i>until the floor can be walked on</i>) Around 2 hours for a plastic or waterproof covering* 24 hours for the application of paint, linoleum and wooden flooring*
Usage temperature	+5° to +25°C
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 23°C and 50% relative humidity for a substrate of no rmal absorbcency. Thickness of primer application: 3 mm.
The waiting time before laying the covering does not depend solely on the thickness of the patcher applied but also on the climatic conditions of the premises
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 TEC™ 951 Flash with clean water: mixing ratio: 5.50 litres of water for 25 kg of powder.
- Only mix the maximum quantity of mortar that would be possible to apply in 15 minutes.
- Advised application thickness: 3 mm
- Pour the water into a clean container and slowly add the powder, stirring to achieve a homogeneous paste with no lumps. Use a mixer in the form of a whisk mixer plugged into an electric drill (*300 to 500 rpm max.*).
- The prepared product can be used immediately after mixing. The life cycle in the hopper varies depending on the temperature. In practice, it is 10 to 15 minutes. Spread the product in a single application using a finishing trowel in large backwards and forwards movements. When heading forwards, pull to zero by holding the finishing trowel almost vertically, allowing air bubbles to be dispelled. When moving backwards, control the desired thickness by smoothing with the tool almost horizontally. This technique enables the patcher to run easily into the gaps in the substrate and only leaves low residual porosity.
- To improve the self-levelling and the surface finish, pass our debubbling roller over the still-fresh primer layer.
- The drying time is variable
- Cleaning of the tools and fresh stains with clean water.

Advice: For an application layer greater than 3 mm and/or for surfaces larger than 20 m², it is usually suitable to prepare and apply the patcher with a team ideally made up of 2 or 3 applicators

SPECIFIC APPLICATION

- TEC™ 951 Flash can be applied in a rapid construction system to flooring or other delicate substrates with the addition of a pack of 250 grams of 811 Renofaser fibres during the mixing of each bag.
- For use greater than 10 mm, we recommend that TEC™ 951 FLASH be applied:
 - On a substrate on which at least one layer of TEC™ 024 MVB epoxy primer has been applied, sandblasted until saturation point is reached.
 - With the addition of TEC™ 845 silica sand (up to 50% in weight)
 - In premises where a peripheral decoupling TEC™ 802 band is fitted
- TEC™ 951 FLASH is 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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