

ULTRAPLAN FAST TRACK

Ultra-fast drying self-levelling compound for
thicknesses from 1 to 10 mm



CLASSIFICATION ACCORDING TO EN 13813

Ultraplan Fast Track smoothing compound as described in this data sheet is classified as CT-C50-F7-A2_{FL}-s1 according to European norm EN 13813.

WHERE TO USE

Ultraplan Fast Track is used in interiors for levelling and smoothing differences in thicknesses from 1 to 10 mm on new or existing substrates, preparing them to receive in a very short time (2 hours) all kinds of floorings, including resilient, textiles and wood.

The use of Ultraplan Fast Track is recommended where a high resistance to static and dynamic loads is required. Ultraplan fast Track is especially suitable for restoring resilient floors which have to be ready for use in short time.

Some application examples

- Levelling concrete slabs and cementitious screeds or Topcem, Mapecem, Mapecem Pronto or Topcem Pronto based screeds.
- Levelling anhydrite substrates.
- Levelling over underfloor heating systems.
- Levelling existing concrete substrates, terrazzo, ceramic, natural stone and magnesite.

TECHNICAL CHARACTERISTICS

Ultraplan Fast Track is a grey powder consisting of special cements with rapid setting and hydration, with silica sand of selected grain size, resins and special additives prepared according to a formula developed in MAPEI research laboratories. Mixed with water, Ultraplan Fast Track becomes a fluid and easily workable mortar, perfectly self-levelling, with high bonding strength to the substrate and ultra-fast drying.

Ultraplan Fast Track can be spread in thickness up to 10 mm per coat without shrinkage, cracking or crazing, and develops very high compressive and flexural strength as well as resistance to indentation and abrasion.

For thicknesses greater than 10 mm (max. 20 mm), it is recommended to add about 30% of graded sand 0.4 mm.

Ultraplan Fast Track dries in quick times: independently from the application thickness, the surface can be sanded and all kind of floorings, including floorings sensitive to moisture, such as resilient coverings and multilayered wood, can be installed after 2 hours.

RECOMMENDATIONS

- Do not add water to a mix which has already begun to set.
- Do not add other binders to the mix (lime, cement or gypsum).

- Do not use **Ultraplan Fast Track** for exterior levelling works.
- Do not use **Ultraplan Fast Track** on substrates subject to continuous rising damp.
- If another layer is required, the previous coat must be completely dry. Before application of the following layer, apply a primer (for example **Primer G** or **Eco Prim T** diluted 1:2 with water).
- Do not use **Ultraplan Fast Track** on unstable wood, metal, rubber, PVC or linoleum.
- Do not use **Ultraplan Fast Track** when the temperature is below +5°C.
- Do not apply **Ultraplan Fast Track** in thicknesses less than 3 mm if multilayered wood is to be overlaid.

APPLICATION PROCEDURE

Preparation of the substrate

Substrates must comply with the specifications contained in the applicable standards for each country. Substrates must be dry, sound and free of all traces of dust, loose or detached portions, paint, wax, oil, rust and gypsum. Cementitious-based surfaces that are not sufficiently sound must be removed or, where possible, consolidated with a suitable MAPEI system (such as **Prosfas**, **Eco Prim PU 1K** or **Primer MF**).

Repair any cracks present in the substrate with **Eporip**.

Dusty or particularly porous concrete surfaces must be treated with a suitable primer such as **Primer G** (1 part of **Primer G** with 2 parts of water by volume), **Eco Prim T** (1 part of **Eco Prim T** with 3 parts of water by volume) or **Livigum** (1 part of **Livigum** with 5 parts of water by volume) to hold the dust and even out the absorbency of the substrate.

Anhydrite screeds may only be levelled off with **Ultraplan** after sanding the surface and applying a suitable primer (such as **Primer G** or **Eco Prim T** applied neat or diluted 1:1 with water).

Prime existing ceramic and natural stone surfaces with **Eco Prim T** or **Eco Prim Grip** after cleaning the surface with a suitable detergent and, if required, mechanically abrading the surface.

Preparing the mix

Pour a 23 kg bag of **Ultraplan Fast Track** into a bucket containing 5.8-6 litres of clean water and mix with a low speed electric mixer to obtain a homogeneous, self-levelling lump-free mix.

Leave to stand for 2-3 minutes; the mix should be briefly mixed again and is then ready for use.

When **Ultraplan fast Track** has to be used in thicknesses greater than 10 mm (max. 20 mm), it is recommended to add about 30% of **Quartz 0.4** mm (refer to MAPEI Technical Services Department).

The quantity of **Ultraplan Fast Track** mixed must be used within 10-15 minutes (at a temperature of +23°C).

Applying the mix

Apply **Ultraplan Fast Track** in a single coat from 1 to 10 mm thick with a large metal trowel or a squeegee, keeping the trowel slightly inclined to obtain the desired thickness.

If a second coat of **Ultraplan Fast Track** is required, it is recommended to apply it as soon as the first one is set to light foot traffic (approx. 1 hour at +23°C) and a suitable primer was applied.

Ultraplan Fast Track can be sanded and is ready for receiving resilient, carpet, ceramic, wood floor coverings after 2 hours at +23°C (time can vary depending on the room temperature and humidity).

The minimum thickness for installation of non-absorbent substrates is 2 mm.

The minimum thickness of **Ultraplan Fast Track** levelling for installation of wood on concrete substrates is 3 mm.



Application of Eco Prim T with a roller



Spreading Ultraplan Fast Track with a metal trowel



Grinding after 2 hours

CLEANING

When fresh, **Ultraplan Fast Track** can be removed from tools with water. After hardening it can only be removed mechanically.

CONSUMPTION

1.6 kg/m² per mm of thickness.

PACKAGING

Ultraplan Fast Track is available in 23 kg bags.

STORAGE

Ultraplan Fast Track is stable for 12 months stored in a dry place.

A longer storage could determine a slower setting time of **Ultraplan Fast Track**. However, the performances of the levelling layer at long ages are not significantly modified.

The product meets the requirements of Annex XVII of Regulation (EG) No. 1907/2006 (REACH), Appendix XVII, Art. 47.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultraplan Fast Track contains cement that when in contact with sweat or other body fluids causes irritant alkaline reaction and allergic reactions to those predisposed. It can cause damage to eyes. During use wear protective gloves and goggles and take the usual precautions for handling chemical products. In case of contact with eyes or skin wash immediately with plenty of water and seek medical attention.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

Keep out of the reach of children. Ensure good ventilation during and after use and drying. Do not eat, drink or smoke when using this product. In case of contact with skin or eyes, rinse immediately with plenty of water. Do not allow product to reach sewage system, water course or soil. Clean tools with soap and water immediately after use. Give only empty containers to recycling. Dried product residues may be disposed of as domestic waste. Product preservative-free; For information for allergic people as well as the Technical Data Sheet, please call at +39/02/37673.1. Always wear safety glasses. If product gets into contact with your eyes rinse immediately with plenty of water and see an ophthalmologist. Always wear heavy-duty waterproof gloves to protect your hands. Always wear long trousers. Avoid prolonged skin contact with the product. Rinse affected areas immediately with plenty of water. The longer fresh product remains on your skin the greater the risk of severe skin damage.

The product contains:

Binders, Mineral fillers, additive (Vdl-RL 01/June 2018).

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values) In compliance with: – EN 13813 CT-C50-F7-A2 _{FL} -s1 – French norms: superior quality levelling compound (P3) according to UPEC classification	
PRODUCT IDENTITY	
Consistency:	fine powder
Colour:	grey
Bulk density (kg/m ³):	1300
Dry solids content (%):	100
– EMI CODE: – Blauer Engel:	EC1 Plus - very low emission DE-UZ 113 For further information refer to the Safety Data Sheet
APPLICATION DATA (at +23°C - 50% R.H.)	
Mixing ratio:	25-26 parts water per 100 parts by weight of Ultraplan Fast Track
Thickness per coat:	from 1 to 10 mm
Self-levelling:	yes

Density of the mix (kg/m ³):	1,900
pH of mix:	approx. 12
Application temperature range:	from +5°C to +30°C
Workability time:	10-15 minutes
Set to light foot traffic:	1 hour
Waiting time before subsequent bonding:	2 hours
FINAL PERFORMANCE	
Compressive strength (N/mm ²): – after 1 day: – after 3 days: – after 7 days: – after 28 days:	30 35 42 52
Flexural strength (N/mm ²): – after 1 day: – after 3 days: – after 7 days: – after 28 days:	4 5 6 8
Resistance to abrasion Taber Abrasimer (Abrading wheel H22-550 g-200 revolutions) expressed as weight loss (g): – after 7 days: – after 28 days:	1.2 1.0
Brinell hardness (N/mm ²): – after 7 days: – after 28 days:	120 150

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

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The most up-to-date TDS can be downloaded from our website www.mapei.com.

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