

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-A2fl-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 types of floorcoverings, including carpet, vinyl, LVT planks, ceramic, stone and timber flooring.

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 quick times.

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 and natural stone.

TECHNICAL CHARACTERISTICS

Ultraplan Fast Track is a grey powder consisting of special cements with rapid setting and hydration, with selected graded silica sand, resins and special additives prepared according to a formula developed in the 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 thicknesses 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 over a mechanically keyed floor only.

Ultraplan Fast Track is a quick drying levelling compound regardless of application thickness. The dried surface can be sanded and is ready to receive all types of floorcoverings after 2 hours.

RECOMMENDATIONS

- **DO NOT** add water to a mix which has already begun to set.
- **DO NOT** add other binders (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 layer it must be primed first using **Eco Prim T Plus** diluted 1:2 with water.
- **DO NOT** use Ultraplan Fast Track on wood planks, 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 timber flooring is to be installed.

APPLICATION PROCEDURE

Preparing the substrate

Substrates must be dry, solid and free of dirt, loose materials, paint, wax, oils, rust, traces of gypsum, curing and sealing compounds and all other materials which may interfere with bonding. All curing and sealing compounds, irrespective of the type (including dissipating curing compounds) must be completely mechanically removed. A minimum concrete surface profile (CSP) of CSP #3 is required.

If a moisture vapour barrier is required, please contact MAPEI Technical Assistance Department for further details. Cement based substrates which are not sufficiently solid must be removed or wherever possible consolidated with **Profas**, **Primer EP** or **Primer MF**. Cracks or crazing in cement substrates must be repaired with **Eporip**.

Porous substrates and anhydrite screeds must be treated with a primer such as **Eco Prim T Plus** (diluted 1 part primer mixed with 2 parts water) to prevent potential debonding and to make the substrate uniformly absorbent.

Non-porous substrates (such as ceramic tiles and natural stone) must be carefully cleaned to eliminate traces of wax and then treated with a primer such as **Eco Prim T Plus** (undiluted) or **Eco Prim Grip**. Magnesite substrates must be primed with **Mapeprim SP**.

For all other forms of substrates and for further Surface Preparation information, please refer to MAPEI's Surface Preparation Requirements brochure
– **Floor Covering Installation System**

available on our website www.mapei.com.au or alternatively email technical-au@mapei.com.au and request a copy.

Preparing the mix

Pour a 20 kg bag of **Ultraplan Fast Track** into a bucket containing 5-5.2 litres of clean water and mix with a low speed electric mixer to obtain an homogeneous, self levelling lump free mix.

After 2-3 minutes of slackening, the mix 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 gauge trowel, 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 hours at +23°C) after first applying Eco Prim T Plus primer (diluted 1:2 with water).

Ultraplan Fast Track can be sanded and is ready for the installation of carpet, vinyl, resilient, ceramic or timber floorcoverings after 2 hours at +23°C (time can vary depending on the room temperature and humidity).

The minimum thickness for installation of the multilayered timber flooring on concrete substrates has to be 3 mm.

Cleaning

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

CONSUMPTION

1.6 kg/m² per mm of thickness.

PACKAGING

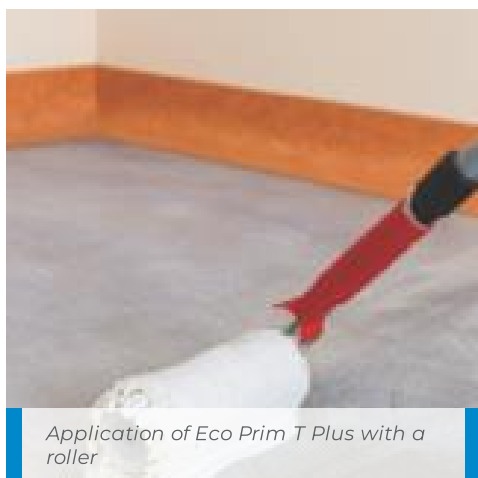
Ultraplan Fast Track is available in 20 kg bags.

STORAGE

Ultraplan Fast Track is stable for 12 months when stored in a dry, elevated area.

A longer storage could determine a slower setting time of **Ultraplan Fast Track**.

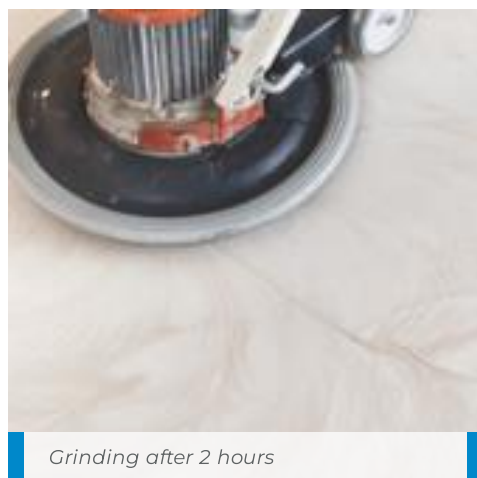
The performance of the levelling layer will however not be significantly modified.



Application of Eco Prim T Plus with a roller



Spreading Ultraplan Fast Track with a metal trowel



Grinding after 2 hours

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultraplan Fast Track contains cement that when in contact with sweat or other bodily fluids can cause an irritant alkaline reaction and allergic reactions to those predisposed. It can cause damage to eyes. It is recommended to use 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 available for download from our website at www.mapei.com.au.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
In compliance with:	
– can contribute valuable points towards Green Star™ credits - refer Section 9 of the SDS	
PRODUCT IDENTITY	
Consistency:	fine powder
Colour:	grey
Bulk density (kg/m ³):	1300
Dry solids content (%):	100
Green Star™:	very low VOC content g/l
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 +35°C
Pot life:	10-15 minutes
Setting time:	30 minutes
Set to light foot traffic:	1 hour
Waiting time before subsequent bonding	2 hours
FINAL PERFORMANCE DATA	
Compressive strength (N/mm²):	
– after 1 day:	30
– after 3 days:	35
– after 7 days:	42
– after 28 days:	52
Flexural strength (N/mm²):	
– after 1 day:	4
– after 3 days:	5
– after 7 days:	6
– after 28 days:	8
Resistance to abrasion Taber Abrasimer (Abrading wheel H22-550 g-200 revolutions) expressed as weight loss (g):	
– after 7 days:	1.2
– after 28 days:	1.0
Brinell hardness (N/mm²):	
– after 7 days:	120
– after 28 days:	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.au

LEGAL NOTICE

The contents of this Technical Data Sheet (“TDS”) may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

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

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

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