

Trade Flow

Multi-Purpose, Double
Component Smoothing And
Levelling Compound

PROFESSIONAL FLOORING PRODUCTS

- ≡ Excellent Flow & Levelling Properties
- ≡ Apply From 2mm – 12mm In One Pour
- ≡ Light Foot Traffic After 2 Hours - Install Floor Coverings After 12 Hours
- ≡ Ideal For Underfloor Heating Systems
- ≡ Ideal For Plywood Overlay

EXCELLENT
FLOW

Walk On
After
2 Hours

INSTALL
RESILIENT
FLOORING
AFTER
12 HOURS



TILEMASTER **TRADE FLOW**

Multi-Purpose, Double Component Smoothing And Levelling Compound

DESCRIPTION:

Tilemaster Trade Flow is a multi-purpose, double component smoothing and levelling floor compound. The specially formulated powder component is mixed with a pre-gauged, protein free polymer liquid, giving a free-flowing, shrinkage compensated floor compound that can be applied from depths of 2mm – 12mm in one application.

Tilemaster Trade Flow has excellent flow properties making it suitable for a wide range of both commercial and domestic applications. Tilemaster Trade Flow is suitable for use on sand & cement screeds, concrete, flooring grade asphalt, damp proof membranes, flooring grade plywood overlays (minimum 15mm) and heated screeds.

Once mixed, Tilemaster Trade Flow will remain workable for 20 - 25 minutes and it will accept light foot traffic after 2 hours in ideal conditions and resilient floor coverings can be applied after 12 hours.

PREPARATION:

Preparation of all substrates is crucial to the success and longevity of all installations. All substrates, as stated in BS 8203, must be rigid, flat, clean, dry and sound and be free of any contaminants. Anything that could compromise adhesion to the substrate, such as dust, dirt, oil, grease, laitance, sealers, waxes and curing agents will need to be mechanically removed. Ensure that all substrates and backgrounds are strong enough to carry the weight of the compound as well as all finished floor coverings and fixing materials.

When installing moisture sensitive floor coverings, the concrete or sand & cement screed should be confirmed dry by consistent moisture readings; <75% relative humidity (RH) when tested in accordance with BS 8203.

Where a structural damp proof membrane is not present or where rising damp and/or residual moisture results in moisture readings up to 98% RH, Tilemaster FAST One Coat DPM must be applied after the application of Tilemaster Trade Flow. Surface laitance must be removed from concrete and sand & cement screed surfaces prior to application.

PRIMING:

Substrates require priming prior to the application of Tilemaster Trade Flow. Priming the substrate will minimise the risk of pinholes forming, allow for the best flow properties and will also prolong the working time of the product.

Porous Surfaces: Suitably prepared and sufficiently dry substrates, prime with Tilemaster Primeplus diluted 1 part Primeplus to 3 parts water. If the substrate is overly porous then further coats of diluted primer may be required.

Non-Porous Surfaces: Substrates such as Tilemaster FAST One Coat DPM and flooring grade asphalt & bitumen should be primed with one coat of Tilemaster Prime+ Grip.

Primers should be used in accordance with instructions printed on the bottle and must be allowed to dry before applying Tilemaster Trade Flow.

MIXING AND APPLICATION:

Shake the pre-gauged bottle of liquid polymer and pour into a suitable clean mixing bucket. Add the powder component slowly whilst mixing with an electric paddle and continue to mix for a further 2 minutes until a smooth and lump free consistency is obtained. Once mixed do not add further polymer liquid or water.

N.B: Once mixed, Tilemaster Trade Flow will remain workable in the bucket for 20 - 25 minutes at 23°C.

Pour the compound onto the prepared surface and trowel down lightly to a depth between 2mm and 12mm. The use of a spiked roller is recommended immediately in order to remove entrapped air and smooth out flow lines. Setting time will depend on atmospheric conditions/temperatures, it will be slowed by lower temperatures and accelerated by higher temperatures.

If the substrate is impervious Tilemaster Trade Flow should be applied to a minimum overall thickness of 3mm. This is to ensure the uniform drying of the adhesives that are subsequently applied to the Tilemaster Trade Flow.

SETTING AND COVERING:

In ideal conditions, Tilemaster Trade Flow will accept light foot traffic after 2 hours. Tilemaster Trade Flow must be left to dry before applying the final floor covering. This is typically after 12 hours for resilient flooring such as LVT and vinyl, however, this can vary depending on the choice of surface flooring. Thicker applications may require a longer time to dry prior to applying floor coverings. If there is no air flow within site conditions, the drying time may be restricted.

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Screed classification	CT-C20-F6 to EN13813:2002
Working time @ 23°C	20 – 25 minutes
Time to foot traffic @ 23°C	2 hours
Application thickness	2mm – 12 mm
Compressive strength N/mm ² (BS EN 13892-2)	1 day > 10.0 7 day > 15.0 28 day > 20.0
Flexural strength N/mm ² (BS EN 13892-2)	1 day > 3.0 7 day > 5.0 28 day > 6.0
Coverage	A 20kg bag and 5.0Ltr liquid unit will cover 5.0m ² at 3mm thickness
Flow properties using 30mm x 50mm flow ring	135mm – 150 mm
Minimum application temperature	5°C
Shelf life	Stored correctly the powder component has a shelf life of 12 months and 12 months for the latex liquid
Colour	Powder – Grey Liquid - White
Pack size	Bag - 20kg Liquid – 5 Litres
Note	All work must be carried out in accordance with British Standard Code of Practice.

HEALTH AND SAFETY

Tilemaster Trade Flow contains cement. Contact with moisture or gauging water sets off an alkaline reaction which may cause skin irritation and/or caustic burns to mucous membranes (e.g. eyes). Irritant to respiratory system. Risk of serious damage to eyes, therefore avoid contact with eyes and prolonged contact with skin. Do not breathe dust. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Wear suitable gloves (e.g. cotton gloves soaked in nitrile) and eye/face protection. If swallowed, seek medical advice immediately and show this container or label. Keep out of reach of children. Low in chromates.

For further information refer to the Material Safety Data Sheet.

The information contained on this Technical Data Sheet is given voluntarily and in good faith. It is to the best of our knowledge true and accurate; however, it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or the possibility of variations of working conditions and of workmanship outside our control.

NOTE: This product is not designed nor potentially suitable for the repair or making good of newly installed screeds that have been installed being knowingly faulty, out of manufacturers specification or with defects outside of the manufacturers or installers usual standards and specification.