









AnhyFix

Gypsum Based, Flexible,
Rapid Setting Floor & Wall
Tile Adhesive

-  Developed specifically for fixing tiles to calcium sulphate screeds
-  Suitable for fixing ceramic, porcelain and natural stone tiles
-  Ideal for use on underfloor heating systems
-  Ideal to fix uncoupling membranes to calcium sulphate screeds
-  Less preparation required when compared to using cementitious adhesives onto calcium sulphate
-  Can be used to fix wall tiles to gypsum substrates in dry areas
-  3mm – 12mm bed depth
-  Walk on and grout after 3 hours

100%
Compatible with
**CALCIUM
SULPHATE
SCREEDS**

**Equivalent
to
C2 FT S1
Flexible**

**Walk on
and grout
after
3 hours**



TILEMASTER **AnhyFix**

Gypsum Based, Flexible, Rapid Setting Floor & Wall Tile Adhesive

DESCRIPTION:

Tilemaster AnhyFix is a gypsum based, polymer modified, flexible, rapid setting floor and wall tile adhesive. Tilemaster AnhyFix has been specially formulated for fixing a large variety of tiles such as ceramic, porcelain and natural stone to calcium sulphate screeds, such as anhydrite, and to gypsum based wall substrates in dry areas, such as plaster and plasterboard.

Tilemaster AnhyFix is a flexible adhesive that is suitable for use over underfloor heating systems and can also be used to fix uncoupling membranes to calcium sulphate screeds. Its rapid setting capability allows for light foot traffic and grouting after 3 hours.

Unlike cement based adhesives, Tilemaster AnhyFix is 100% compatible with calcium sulphate screeds. Tilemaster AnhyFix can be applied to calcium sulphate screeds where residual moisture levels are at 85% Relative Humidity (RH) or less. Tilemaster AnhyFix is suitable for use in internal dry areas only.

N.B.: Tilemaster Anhyfix is not suitable for use in wet areas such as showers, wet rooms and swimming pools, and cannot be used on cement based substrates, or cement coated/based tilebacker boards.

SUITABLE FOR MOST TILE TYPES INCLUDING:

- ✓ Ceramics
- ✓ Porcelain
- ✓ Natural Stone
- ✓ Terracotta
- ✓ Quarry

AREAS OF USE:

- ✓ Walls
- ✓ Floors
- ✓ Internal
- ✓ Dry Areas
- ✓ Underfloor Heating
- ✓ Limited Movement/
Vibration

SUBSTRATES:

Specific substrate preparation can be found in the Substrate Preparation Guide section and these instructions must be followed before tiling commences

- ✓ Calcium Sulphate Screeds
- ✓ Epoxy DPM
- ✓ Existing Vinyl Tiles
- ✓ Flooring Grade Asphalt
- ✓ Plywood Overlay (Class 3 Flooring Grade)
- ✓ Plaster
- ✓ Plasterboard

N.B.: Tilemaster Anhyfix is suitable for use with natural stone tiles, but given the unique characteristics of natural stone tiles it is advised that any stone is checked and tested for suitability before fixing commences

PREPARATION:

Before starting, all substrates must be clean, dry, sound and strong enough to support the weight of the tiles, tile adhesive and grout. Remove all dust, dirt, oil, grease and other contaminants that may affect adhesion.

MIXING & APPLICATION:

Always mix powder to water and mix to a smooth, lump free consistency. As a guide for powder to water ratio, 20kg of powder requires approximately 4.8 – 5.2 litres of water. Never add water after initial mixing, as this will impair the strength of the adhesive. Product that has started to set must be discarded.

Key the adhesive into the substrate and trowel out to the required adhesive bed thickness using a notched trowel. Within the open time of the adhesive, bed in the tiles ensuring that there is full, solid bed coverage under the tiles. Regular checks should be carried out to ensure that there are no hollow pockets or voids beneath the tile.

Back buttering tiles will help achieve solid bed fixing and will significantly increase the bond strength.

Clean surplus adhesive from the tiles and joints as soon as possible, as set adhesive will prove very difficult to remove later. Clean tools immediately after use with clean water.

GROUTING:

Do not start grouting until the adhesive has set. This time can vary depending on temperature and site conditions. Impervious surfaces may extend the set time. In ideal conditions grouting can begin after 3 hours.

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SUBSTRATE PREPARATION GUIDE:

Calcium Sulphate Screeds: Calcium sulphate screeds dry with laitance on the surface. The laitance must be removed before the tiling commences by mechanically sanding and/or abrading the surface of the screed. After 7 days the underfloor heating (if the screed is heated) can be commissioned. Once commissioned and allowed to cool the screed can then be moisture tested. Calcium sulphate screeds must be confirmed dry via consistent moisture readings across the whole floor.

Tilemaster AnhyFix is a gypsum based tile adhesive which is 100% compatible with calcium sulphate screeds. When using Tilemaster AnhyFix the relative humidity must be 85% or below, or the residual moisture content of the screed must be less than 1%. Once these moisture levels have been reached, the surface is free of any laitance and other contaminants, and the underfloor heating (where installed) has been commissioned, prime the surface with Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry. Tiling can then commence using Tilemaster AnhyFix.

Epoxy DPM: The Epoxy DPM must be a suitable flooring grade. The DPM must be sound, in good condition, hard and well adhered to the substrate. Ensure the surface is clean, dry and free of any contaminants. Prime the surface with one coat of Tilemaster Prime+ Grip and allow to dry.

Existing Vinyl Tiles: The existing tiles must be sound, in good condition and be firmly bonded to the original substrate. Remove any loose or damaged tiles and make good. Any surface sealers must be removed along with any other contaminants that could affect adhesion. When the tiles are confirmed clean and dry prime the surface with one coat of Tilemaster Prime+ Grip and allow to dry.

Flooring Grade Asphalt: The asphalt must be of a suitable flooring grade and must be hard, sound, in good condition, and well adhered to the substrate. Ensure the surface is clean, dry and free of any contaminants. Prime the surface with one coat of Tilemaster Prime+ Grip and allow to dry.

Class 3 Flooring Grade Plywood Overlay: Ensure that the timber subfloor is adequately braced, rigid and flat. The plywood must be conditioned to the environment in which it is to be used and be of the required thickness. The plywood must be securely fixed to the subfloor by screw fixing at 150mm centres, staggering the board joints of all plywood sheets. Ensure the surface is clean, dry and free of any contaminants. Prime the surface of existing plywood with one coat of Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry. New flooring grade plywood does not require priming prior to tiling.

Walls:

Plaster (Finish Coat only): New plaster must be allowed to dry for a minimum of 4 weeks. Ensure that the plaster is well bonded to its background and that it is completely dry and free of any contaminants. If the plaster has a polished/shiny surface, brush with a stiff bristle brush to abrade/roughen the surface prior to application. A fine wire brush should be used on any water flashed surface, so that any weakly adhered residues are effectively removed. Prime the surface with one coat of Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry. The combined weight of the tile, tile adhesive and grout should not exceed 20kg/m².

Gypsum plaster should not be used in wet areas unless additional protection in the form of a waterproofing tanking system, such as Tilemaster's Tanking Paste/Kit, is used.

Plasterboard: Ensure that the boards are dry, free of any contaminants and securely and rigidly fixed. Prime the surface with one coat of Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry. The combined weight of the tile, tile adhesive and grout should not exceed 32kg/m²

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Standard Conformity	Equivalent to EN 12004 C2 FT S1
Minimum Application Temperature	5°C
Bed Thickness	3mm – 12mm
Coverage	20kg will cover approximately 5.5m ² with a 3mm solid bed application
Pot Life	Approximately 45 – 60 minutes
Before Grouting	Approximately 3 hours depending on temperature and substrate The set time will be increased at lower temperatures and reduced at higher temperatures * Tiling onto an impervious substrate with a non-porous tile will increase the set time
Working Temperature of Cured Adhesive	-40°C to 90°C
Storage	Store unopened, clear of the ground in cool, dry conditions
Shelf Life	Stored correctly this product has a shelf life of 6 months
Colours	Off White
Pack Size	20kg
Note	All work must be carried out in accordance with British Standard Code of Practice for floor and wall tiling BS5385

Tilemaster Adhesives Ltd Kerakoll Group Tomlinson Road Leyland PR25 2DY United Kingdom	
equivalent to EN12004:2007 + A1:2012 Improved deformable fast setting gypsum based adhesive with reduced slip	
Transverse Deformation	≥2.5mm
Bond Strength, as:	
• early tensile adhesion strength	>0.5 N/mm ²
• initial tensile adhesion strength	>1.0 N/mm ²
Durability, for:	
• tensile adhesion strength after heat ageing	>1.0 N/mm ²

HEALTH AND SAFETY

Contact with moisture or gauging water sets off a 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 spec 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.