



# AnhyLevel

Calcium Sulphate Based, Flexible,  
Levelling and Smoothing  
Floor Compound

-  Developed Specially For Application To Calcium Sulphate Screeds
-  100% Compatible With Calcium Sulphate Based Substrates
-  Ideal For Use On Underfloor Heating Systems
-  Apply From 2mm - 20mm In One Application
-  Fast Drying-Light Foot Traffic After 3 Hours
-  Excellent Self Levelling Properties
-  Protein Free

**100%**  
Compatible With  
**CALCIUM  
SULPHATE  
SCREEDS**

APPLY FROM  
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# TILEMASTER **ANHYLEVEL**

## Calcium Sulphate Based, Flexible, Levelling and Smoothing Floor Compound

### DESCRIPTION:

AnhyLevel is a high performance, free flowing, self smoothing calcium sulphate based floor compound designed for smoothing and levelling subfloors prior to the installation of floor coverings. AnhyLevel has been specifically developed for direct application to calcium sulphate screeds and calcium sulphate flooring systems without the need to apply a barrier primer. The excellent levelling and smoothing properties of AnhyLevel make it the ideal choice when preparing subfloors prior to the installation of floor coverings such as ceramic/porcelain and natural stone tiles, LVT, laminate, carpet, resin and linoleum.

AnhyLevel can be applied from 2mm – 20mm in one application without the need to add additional aggregate. AnhyLevel is flexible and it is suitable for use with underfloor heating systems and flooring grade plywood overlays, whilst also being suitable for use on flooring grade asphalt and epoxy Damp Proof Membranes. AnhyLevel is fast setting and it will accept light foot traffic after 3 hours. AnhyLevel must be left to dry before applying the final surface flooring. This is typically after 3 hours for ceramic, porcelain and natural stone tiles and 24 hours for resilient floor coverings such as LVT and sheet vinyl. If there is no airflow within site conditions, the drying time may be restricted. The critical moisture content for the flooring in question must be observed.

When applying AnhyLevel in excess of 10mm, depending on site temperatures and drying conditions, the drying time may be extended before surface floor coverings can be installed.

\*When fixing ceramic, porcelain and natural stone tiles on top of AnhyLevel, Tilemaster AnhyFix tile adhesive must be used to fix the tiles.

### PREPARATION:

Preparation of all substrates is crucial to the success and longevity of all installations. All substrates, as stated in BS 5385 and 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.

Calcium Sulphate screeds must be confirmed dry by consistent moisture readings; <85% Relative Humidity (RH) or <1% Residual Moisture content prior to application.

The manufacturer's preparation requirements, including the maximum moisture content, of proprietary calcium sulphate retro fit underfloor heating systems must be observed.

### PRIMING:

Substrates require priming prior to the application of Tilemaster AnhyLevel to control the porosity of the substrate. 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 calcium sulphate 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 flooring grade asphalt & bitumen, existing vinyl tiles and Tilemaster FAST One Coat DPM 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 AnhyLevel.

### APPLICATION:

A 20kg bag of Tilemaster AnhyLevel requires 4.6 – 5.2 litres of water.

Add the pre-measured water to a clean bucket and slowly add the powder whilst mixing with an electric paddle. Mix until a smooth and lump free consistency is obtained. Do not add further water once mixed.

**Exceeding 5.2 litres of water per 20kg will result in water bleed, extended drying times, a weakened mix and poor surface finish.**

**N.B:** Once mixed, Tilemaster AnhyLevel will remain workable in the bucket for 20 minutes at 23°C. Due to the rapid setting properties of Tilemaster AnhyLevel, it is important to apply the mixed product without delay.

Pour the compound onto the prepared surface and trowel to the required thickness of between 2mm and 20mm. If the thickness of compound applied allows, the use of a spiked roller is recommended immediately in order to remove entrapped air and smooth out flow lines. The setting time will then depend on atmospheric conditions/temperatures - it will be slowed by lower temperatures and accelerated by higher temperatures.

### PUMP APPLICATIONS:

Tilemaster AnhyLevel is ideal for pump applications. Mix in accordance with the pump manufacturer's instructions and ensure that regular flow checks are carried out. Ensure the water content is correct and that there is no surface separation. Test samples of the product must be conducted to ensure the pump lines are able to send product through before the product starts to set.

### DRYING:

Drying is dependent on the porosity of the subfloor, humidity and ambient temperatures. On all surfaces, at a nominal 2mm - 5mm thickness, the compound will be ready to receive most floorcoverings from 24 hours. When applied at a thickness of 6mm - 10mm, most floorcoverings can be installed after 48 hours. For thicknesses greater than 10mm and up to 20mm, the drying time will be extended up to 3 days.

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Screed classification	CT-C30-F10 to BS EN 13813; 2002
Working time @ 23°C	20 minutes
Time to foot traffic @ 23°C	3 hours
Application thickness	2mm – 20mm
Compressive strength N/mm <sup>2</sup> (BS EN 13892-2)	1 day > 15.0 7 day > 20.0 28 day > 30.0
Flexural strength N/mm <sup>2</sup> (BS EN 13892-2)	1 day > 4.0 7 day > 7.0 28 day > 10.0
Coverage	20kg will cover 4.2m <sup>2</sup> at 3mm thickness
Flow properties using 30mm x 50mm flow ring	140mm – 160mm
Minimum application temperature	10°C
Shelf life	Stored correctly this product has a shelf life of 6 months
Colour	White
Pack size	20 kg
Note	All work must be carried out in accordance with British Standard Code of Practice.


### HEALTH AND SAFETY

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.

 <b>13</b> DoP 020	
Tilemaster Adhesives Ltd Kerakoll Group Tomlinson Road   Leyland PR25 2DY   United Kingdom	
<b>EN 13813:2002</b> <b>CA-C30-F10</b> Calcium Sulphate screed material for use internally in buildings	
Reaction to fire	NPD
Release of corrosive substances	CA
Water permeability	NPD
Water vapour permeability	NPD
Compressive strength	C30
Flexural strength	F10
pH	8
Wear resistance	NPD
Sound insulation	NPD
Sound absorption	NPD
Thermal resistance	NPD
Chemical resistance	NPD