

Eco-3000

Universal High Temperature Flooring Adhesive

PROFESSIONAL FLOORING PRODUCTS

- High Temperature - Ideal For Use Above Underfloor Heating Systems
- Suitable For Installing PVC, Luxury Vinyl Tile, Carpet & Textile and Sheet Vinyl
- Apply Floorcoverings In As Little As 10 Minutes
- High Bond Strength & Hard Set

HIGH
TEMPERATURE
ADHESIVE

INSTALL
After
10 MINS

HIGH
STRENGTH
& HARD SET



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DESCRIPTION:

Tilemaster Eco-3000 is a universal, high temperature, solvent free flooring adhesive suitable for installing a wide variety of floor coverings to a wide variety of substrates. Tilemaster Eco-3000 has been specially developed to provide excellent adhesion properties, with a high bond strength and a hard set once cured.

Tilemaster Eco-3000 is a high temperature adhesive, making it ideal for use onto substrates that have underfloor heating installed; it is also suitable for installations that may be subject to direct sunlight such as orangeries, conservatories and any other glass-fronted buildings.

Formulated to give a fast tacking off time, Tilemaster Eco-3000 can be installed into whilst still wet, or can be allowed to tack off completely before installation. Tilemaster Eco-3000 is ready to accept floor coverings in as little as 10 minutes and once installed, can accept light foot traffic after 12 hours.

Floor Coverings

- ✓ LVT
- ✓ PVC Flooring
- ✓ Carpet & Textiles
- ✓ Sheet Vinyl
- ✓ Rubber Flooring
- ✓ Vinyl
- ✓ Uncoupling Membrane

SUBSTRATES:

- ✓ Sand/Cement Screed
- ✓ Concrete
- ✓ Plywood Overlay
- ✓ Electric Underfloor Heating
- ✓ Water/Wet System Underfloor Heating
- ✓ Tile Backer Boards
- ✗ Existing Ceramic, Porcelain & Natural Stone Tiles
- ✗ Flooring Grade Asphalt & Bitumen
- ✓ Anhydrite Screeds
- ✓ T&G Floorboards
- ✓ Floating Floors
- ✗ Existing Vinyl Tiles
- ✗ Steel/Metal Surfaces
- ✗ Epoxy DPM
- ✗ Fibreglass
- ✗ Green Screed

PREPARATION:

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

APPLICATION:

On a flat, even substrate where dry conditions exist, trowel out the adhesive with a suitable notched flooring trowel held at approximately 60° and apply the adhesive evenly across the substrate.

When installing into wet adhesive, allow 10 minutes for Tilemaster Eco-3000 to semi-tack off before applying the floor covering onto the adhesive. If allowing the adhesive to fully tack off, leave the adhesive to become touch dry whilst maintaining a tacky feel before applying the floor covering.

Install the floor covering in such a way that air is not caught beneath the floor covering and smooth over from the centre outwards. Using a suitable roller, roll the floor covering evenly and consistently to ensure full contact is made between the adhesive and the floor covering and that any trowel marks from beneath are smoothed over and do not remain.

If applying Tilemaster Eco-3000 to particularly absorbent substrates, applying a thin layer of adhesive onto the substrate prior to application will help aid adhesion and prevent adhesive shadowing or 'grinning' through the floor covering.

Ensure that the floor covering manufacturer's guidelines and laying instructions are followed and adhered to wherever relevant.

Clean surplus adhesive from the face of the floor covering as soon as possible with clean water, as cured adhesive will prove very difficult to remove later.

PUTTING INTO USE:

Allow the adhesive to fully cure before applying loads to the surface. This time is usually 24 hours after completion of installation. Welding of floor coverings must also be done once the adhesive has fully cured, again, approximately 24 hours after installation.

If you are unsure with any of our instructions please call our Technical Helpline on 01772 456831, we will be happy to assist.

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SUBSTRATE PREPARATION GUIDE:

Concrete: Concrete must be confirmed dry via consistent moisture readings across the whole floor, with a moisture reading of 75% Relative Humidity or below achieved. As an approximate guide for drying times, allow 1 day per mm up to an overall depth of 40mm and 2 days per mm for anything above 40mm. Remove any laitance from the surface mechanically and ensure that mould oil, curing agents and any other contaminants are removed. Remove all dust and dirt ideally by vacuum. For best performance, smooth the surface with a Tilemaster Adhesives smoothing compound prior to application.

Sand/Cement Screed: Sand/Cement screed must be confirmed dry via consistent moisture readings across the whole floor, with a moisture reading of 75% Relative Humidity or below achieved. As an approximate guide for drying times, new sand/cement screed must be left for a minimum of 4 weeks to dry sufficiently. Remove any laitance from the surface mechanically and ensure that mould oil, curing agents and any other contaminants are removed. Remove all dust and dirt ideally by vacuum. For best performance, smooth the surface with a Tilemaster Adhesives smoothing compound prior to application.

Plywood Overlay: Prior to installing, ensure that new or existing boards are dry, i.e. conditioned to the environment in which they will be used. Plywood must be class 3, flooring grade, screwed (not nailed) to substrate at 6 inch/150mm centres. Ensure there is sufficient ventilation beneath the substrate and that the plywood has been fitted competently and will take the weight of the floor covering and adhesive. Ensure the surface is dry and free of any contaminants, loose dust or dirt. Once installed, Tilemaster Feather must be used for filling plywood board joints and covering over screw heads prior to installing the floor covering. For best performance, smooth the surface with a Tilemaster Adhesives smoothing compound prior to application.

Underfloor Heating Systems: When installing onto existing underfloor heating you must switch the heating off 48 hours prior to installation to allow the substrate to cool sufficiently. When installation has been completed allow 1 week for full cure of adhesive and smoothing compounds before switching the heating on. When doing so, start with a low temperature and gradually increase the temperature on a daily basis by no more than 2°C per day. When installing on to a new electric element underfloor heating system, the electric underfloor heating mat/element must be embedded into a Tilemaster Adhesives smoothing compound in order to leave a perfect surface on which to install the floor covering. Again, allow one week for full cure before switching the heating on, start with a low temperature and gradually increase the temperature on a daily basis by no more than 2°C per day.

Underfloor Heated Screeds must be commissioned prior to fitting a flooring finish. Commission the system after the required time allowed for the screed to cure. After this period, switch on the system at the minimum temperature and leave this for 3 days. Increase the temperature by 5°C per day until the maximum required working temperature is reached (refer to the underfloor heating manufacturer's recommendations) and leave it at this temperature for 3 days, then allow the substrate to cool sufficiently. Alternatively, in cold conditions, reduce the temperature of the screed to below 15°C prior to tiling. To commission the underfloor heating properly the flow temperature should not be limited by room thermostats. The room thermostats should be disconnected and the temperatures controlled manually via the manifold mixing valve, or at the boiler. When installation has been completed allow 1 week for full cure of adhesive and smoothing compounds before switching the heating on. When doing so, start with a low temperature and gradually increase the temperature on a daily basis by no more than 2°C per day.

Anhydrite/Gypsum Screed: Anhydrite/Gypsum screeds must be confirmed dry via consistent moisture readings across the whole floor, with a moisture reading of 75% Relative Humidity or below achieved. As an approximate guide for drying times, allow 1 day per mm up to an overall depth of 40mm and 2 days per mm for anything above 40mm. The drying of anhydrite/gypsum screeds can be assisted by commissioning the underfloor heating system, for further information, please contact our Technical Helpline.

All anhydrite/gypsum screeds must be mechanically sanded/abraded prior to installing in order to remove the laitance from the surface of the screed. Tilemaster Adhesives preferred smoothing compound for use on anhydrite/gypsum screeds is Tilemaster AnhyLevel. Tilemaster AnhyLevel is a gypsum based smoothing compound which is 100% compatible with anhydrite/gypsum screeds.

Tile Backer Board: Ensure the surface is dry and free of any contaminants, loose dust or dirt. Prime the surface with one coat of Tilemaster Primeplus diluted 3 parts water to 1 part Tilemaster Primeplus and allow to dry. Alternatively refer to the board manufacturers priming instructions. For best performance, smooth the surface with a Tilemaster Adhesives smoothing compound prior to application.

Tilemaster Adhesives Ltd.

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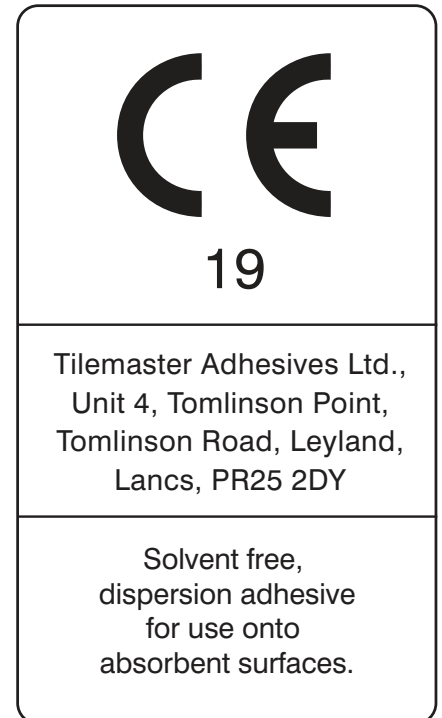


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Semi-Wet Tack Time @ 20°C	10 minutes
Full Tack Time @ 20°C	40 minutes
Time To Foot Traffic @ 20°C	12 hours
Cure Time @ 20°C	24 hours
Coverage With A2 Trowel	15kg will cover 50m ² – 60m ²
Minimum Application Temperature	10°C
Shelf Life	Stored correctly this product has a shelf life of 12 months
Colour	Cream
Pack Size	15kg
Note	All work must be carried out in accordance with British Standard Code Of Practice



HEALTH AND SAFETY

Tilemaster Eco-3000 does not contain cement. Risk of serious damage to eyes, therefore avoid contact with eyes and prolonged contact with skin. 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.

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.



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