








Rapid Extrabond

Rapid Setting, Polymer Modified Floor & Wall Tile Adhesive

-  Polymer modified for increased adhesion
-  Suitable for fixing ceramic, porcelain & natural stone tiles to solid substrates
-  Improved slip resistance, ideal when fixing large format tiles
-  Suitable for commercial and heavy traffic environments
-  3mm – 12mm bed depth
-  Walk on and grout after 3 hours
-  Internal & external use

Polymer modified for increased adhesion

Suitable for commercial environments

Walk on and grout after
3 Hrs



TILEMASTER **RAPID EXTRABOND**

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DESCRIPTION:

Tilemaster Rapid Extrabond is a rapid setting, polymer modified, cement based floor and wall tile adhesive with increased adhesion and reduced-slip properties.

Tilemaster Rapid Extrabond has been specially formulated for fixing a large variety of tiles including ceramic, porcelain and natural stone onto solid substrates such as sand/cement screed and concrete.

Tilemaster Rapid Extrabond has rapid setting capabilities that allows for light foot traffic and grouting after 3 hours.

Tilemaster Rapid Extrabond can be used internally and externally and it is unaffected by frost after setting.

N.B. Tilemaster Rapid Extrabond 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.

SUITABLE FOR MOST TILE TYPES INCLUDING:

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

AREAS OF USE:

- ✓ Walls
- ✓ Floors
- ✓ Internal
- ✓ External
- ✓ Dry Areas
- ✓ Wet Areas

SUBSTRATES:

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

- ✓ Cement Render
- ✓ Concrete
- ✓ Concrete Brick/Block
- ✓ Existing Ceramic, Porcelain & Natural Stone Tiles
- ✓ Plaster
- ✓ Plasterboard
- ✓ Sand & Cement Screeds
- ✓ Tile Backer Boards

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 4.4 – 4.6 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:

Preparation of all substrates is crucial to the success and longevity of all tiling installations. All substrates, as stated in BS 5385, 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 tiles and fixing materials, and that any maximum weight limits are not exceeded.

Floors:

Concrete: New concrete must be allowed to cure before having a minimum of 6 weeks continuous air drying. Mechanically remove any laitance and other surface contaminants and remove the dust by vacuum. Prime the surface with one coat of Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry. If the substrate is overly porous then further coats of diluted Primeplus may be required.

Sand & Cement Screeds: New sand & cement screeds must be allowed to dry for a minimum of 4 weeks. Ensure that the surface is clean, dry and free of any contaminants. Prime the surface with Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry. If the substrate is overly porous then further coats of diluted Primeplus may be required.

Existing Ceramic, Porcelain & Natural Stone Tiles (fixed to a solid substrate): Tilemaster Rapid Extrabond is only suitable to be used on existing tiles well adhered to a solid substrate. 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.

Walls:

Cement Render: Cement render must be allowed to dry for a minimum of 2 weeks. Ensure that the render is true and is firmly bonded to its background and that it is clean, dry and free of any contaminants. Prime the surface with one coat of Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry. If the substrate is overly porous then further coats of diluted Primeplus may be required.

Concrete Brick/Block: New concrete brick/blocks must be allowed to dry for a minimum of 6 weeks. If tiling directly the wall must be flat and smooth faced. Prime the surface with one coat of Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry.

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

Plasterboard is unsuitable for frequently wet or damp areas and should be waterproofed using Tilemaster Tanking Paste/Kit.

Tile Backer Boards: Tile backer boards should be fixed following the manufacturers' instructions and be of the required thickness and material for that specific application. Ensure that the boards are securely fixed and adequately braced to provide a rigid surface. Prime the surface with one coat of Tilemaster Primeplus, diluted 3 parts water to 1 part Tilemaster Primeplus, and allow to dry.

When mixed with Tilemaster Flexmaster additive, Tilemaster Rapid Extrabond is suitable for fixing additional tile types to a wider variety of substrates. For more information, please contact the Tilemaster Technical line on 01772 456831



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Standard Conformity	Conforms to BS EN 12004 C1 FT
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 30 minutes at 23°C
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 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	Grey and White
Pack Sizes	20kg
Note	All work must be carried out in accordance with British Standard Code of Practice for floor and wall tiling BS5385

HEALTH AND SAFETY

Tilemaster Rapid Extrabond Adhesive 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 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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Tilemaster Adhesives Ltd Kerakoll Group Tomlinson Road Leyland PR25 2DY United Kingdom	
EN 12004:2007 + A1:2012 Improved fast setting cement based adhesive with reduced slip	
Transverse Deformation	N/A
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	>0.5 N/mm ²
• tensile adhesion strength after water immersion	>0.5 N/mm ²
• tensile adhesion strength after freeze/thaw cycles	>0.5 N/mm ²