

# Setaflex Semi-Rapid

Flexible, Semi-Rapid Setting  
Floor & Wall Tile Adhesive

- ☞ Genuine S1 Flexibility - Suitable For A Wide Range Of Substrates
- ☞ Use To Fix Ceramic, Porcelain & Natural Stone Tiles
- ☞ Extended Pot Life Of 90 - 120 Minutes
- ☞ Ideal For Use With Underfloor Heating Systems
- ☞ Ideal For Fixing Large Format Tiles And Ceramic Panels
- ☞ Internal & External Use

**S1**  
**Flexible**  
to EN 12004

**Extended**  
**Pot Life**  
**90 - 120**  
**Minutes**

**Walk on and**  
**GROUT**  
**after 6 hours**



# TILEMASTER SETAFLEX SEMI-RAPID

## Flexible, Semi-Rapid Setting Floor & Wall Tile Adhesive

### DESCRIPTION:

Tilemaster Setaflex Semi-Rapid is a polymer modified, flexible, semi-rapid setting, cement based floor and wall tile adhesive with increased adhesion and non-slip properties.

Tilemaster Setaflex Semi-Rapid has been developed for fixing a large variety of tiles such as ceramic, porcelain and natural stone and the extended pot life is ideal when fixing large format tiles, ceramic panels and also when faced with intricate and time consuming patterns and layouts. The adhesive is fast setting and it will accept light foot traffic and grouting after 6 hours.

Tilemaster Setaflex Semi-Rapid is a S1 flexible adhesive with a high bond strength, making it ideal for fixing to substrates with limited movement and/or vibration such as overlaid timber substrates and underfloor heating systems.

**N.B.** Tilemaster Semi-Rapid Setaflex 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 4.4 – 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 6 hours. If you are tiling an area with limited movement/vibration then you must use a flexible grout such as Tilemaster Grout 3000.

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Standard Conformity	Conforms to EN 12004 C2 TE S1
Minimum Application Temperature	5°C
Bed Thickness	3mm – 12mm
Coverage	20kg will cover approximately 5.5m <sup>2</sup> with a 3mm solid bed application
Pot Life	90 - 120 Minutes at 23°C
Before Grouting	<p>Approximately 6 hours depending on temperature and substrate</p> <p>The set time will be increased at lower temperatures and reduced at higher temperatures</p> <p>* Tiling onto an impervious substrate with a non-porous tile will increase the set time.</p>
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 12 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 Setaflex Semi-Rapid 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.