



# Tradies Choice – MASTER FLEX ECO

## DESCRIPTION

Tradies Choice Master Flex Eco is a rubber modified, cement-based tile adhesive designed for internal and external applications on both walls and floors. Can be used for ceramic, porcelain and vitrified tiles. Tradies Choice Master Flex Eco can be used for tiling over existing tiles as long as the existing tiles have been primed with Master primer.



## CLASSIFICATION

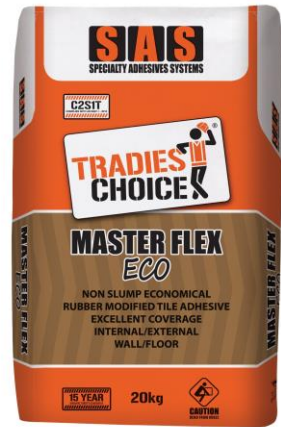
**C2** - Improved adhesion

**S1** - Flexible – Superior Flexibility

**T-** Non Slump

**E** - Extended Open Time

**Low VOC** content- meets green building council of Australia green star – IEQ-13



## FIXING (Tile Types)

Including- Porcelain, Ceramic and Vitrified Tiles.

## SUBSTRATES

Concrete render, rendered brickwork, plaster board, fibre cement (walls only) Green Screeds, and SAS approved waterproofing membranes.



## SURFACE PREPARATION

The surface must be clean, dry, firm and free of dust, oil, grease, wax and curing compounds. The substrate must be installed according to the relevant standards and manufacturer recommendations. All porous surfaces must be primed with SAS Master Primer. For non porous surfaces such as existing tiles, surface must be primed using SAS Master primer neat. Please contact SAS for further information.



## MIXING

Mix 5.5 to 6 Litres of water to 20kg of Tradies Choice Master Flex Eco. Mix with a paddle mixer until a creamy consistency is achieved, and powder is free of lumps. Allow mixture to stand for 3 minutes, remix then use the adhesive.

## INSTALLATION

Tiles should be fixed in accordance with Australian Standard AS 3958.1-2007 Apply the adhesive using a notched trowel onto the substrate. For tiles up to 300 x 300 mm use a 10mm notch trowel, and for Tiles greater than 400 x 400 use a 12mm notch trowel on the substrate and butter the back of each tile. Apply only up to 1m<sup>2</sup> at a time. Press the tiles firmly into the adhesive before it skins. Do not spot fix, remove all excess adhesive from the tiles before it sets. For information not listed please contact SAS for further information.



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Disclaimer: The information supplied is to the best of SAS knowledge and is true and accurate. The application of the product is beyond SAS control and any alleged failure or damage must be inspected by a representative from SAS. All workman ship must be carried out in accordance with AS 3958.1-2007.



## MOVEMENT JOINTS

Movement joints must be in accordance with Australia Standard AS 3958.



## DRYING TIME

Allow all adhesive to dry for at least 24 hours at 23° C . **Note** Temperatures below 23° C , drying time will be extended.

**\*Note:** Do **NOT** apply adhesive in temperatures above 40° C and below 5° C



## GROUTING

Grouting can commence 24 hours after tiling is completed using LITOKOL grouts.



## COVERAGE

A 20kg bag of Tradies Choice Master Flex Eco will cover approximately 7m<sup>2</sup> using a 10mm notch trowel.



## APPLYING

Tiles should be fixed in accordance with the Australian Standards AS3958.1-2007.

- Ensure the back of each tile is clean free from dust and other contaminants.
- Apply the adhesive onto the substrate but do not exceed more than 1m<sup>2</sup> at a time.
- When back buttering is required use the straight side of the trowel and apply a thin coating of adhesive onto the tile.
- When laying the tiles make sure you move the tile forward and back 90 degrees across the direction of the beads of adhesive leaving no voids under the tile. It is important to lift a tile every now and then to check that sufficient coverage is achieved 90-100%.
- All adhesive residue must be removed from the tile and joint while the adhesive is still wet.
- After the tile adhesive is completely cured grouting can begin using LITOKOL range of grouts.
- For all other applications not mentioned please contact the SAS Technical team.
- Note: Protect tiling from other trades and weather. Do not allow traffic until all the tiling and grouting is completed.



## PRECAUTIONS

- Do not use Tradies Choice Master Flex Eco for tiling over tongue and grooved timber flooring or particle board.
- Tradies Choice Master Flex Eco cannot be used for tiling over solvent based waterproofing membranes.
- Do not use for tiling over existing tiles in immersed situations such as swimming pools spas etc.
- Tradies Choice Master Flex Eco cannot be used when fixing moisture sensitive tiles or stone
- When tiling externally that is above 2.7m high please contact the SAS Technical team for further information.

<u>TECHNICAL DATA</u>	
Open Time	30 mins @ 23 <sup>o</sup> C
Appearance	Off white powder
Non-Slump	Ideal for large format
Adjustment Time	20 mins
Time Before Grouting	24 hours
Return to service dry	24 hours
Return to wet service	2 days
Tensile Strength Dry	<b>AS ISO 13007</b>
28 days	2.2 mpa
Water Immersion	1.2 mpa
Transverse Deformation	>2.5mm



## PACKAGING

**20kg bag.** Care should be taken and correct lifting/carrying techniques should be used at all times for safety.

## MANUFACTURERS WARRANTY

Tradies Choice Master Flex Eco is backed by our 15 year manufacturers warranty.

SDS is available from [www.sas-aa.com.au](http://www.sas-aa.com.au)