



Tradies Choice – Master Level



DESCRIPTION

Tradies Choice Master Level is a cement underlay for levelling uneven concrete floors prior to tiling. It can be used for internal and external applications from feather edge to 40mm in thickness. Greater thickness can be achieved with addition of aggregate. Master Level is suitable for use with under floor heating.



SUB FLOOR 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, adhesives must be primed using SAS Master Primer neat. Please contact SAS Technical Team for further information.



MIXING

Mix 4.5L -5 Litres of water to 20kg of Tradies Choice Master Level. Mix with mixing paddle until smooth consistency is achieved and powder is free of lumps. Allow mixture to stand for 3 minutes before use Note :Do not over water as this will promote bleed and separation with a reduction in bond and strength.



APPLICATION

Tradies Choice Master Level can be pumped or hand pour onto the primed substrate. Spread with a smoothing trowel or stand up spreader and allow to smooth out. Do not attempt to float the setting surface. Tradies choice Master Level must cure 6 hours before tiling. Incorporate movement using AS3958.1-2007 as a guideline. Bring the movement joints through to the tile surface.

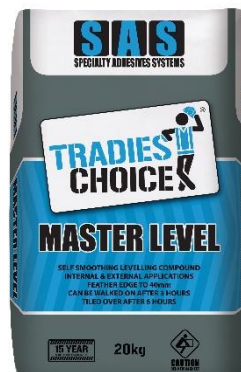
Bulk out

For thickness over 10mm aggregate can be used to bulk the product out. Add 20kg of Master Level powder to 3.7 L of water and mix for 1 minute, then add 20kg of clean dry 2.5mm aggregate and mix for a further 2 minutes. After mixing with aggregate the flow properties will be reduced.

High Stress Areas

Tradies Choice Master Level is not recommended for use over timber flooring, fibre cement sheeting, metal decks, over existing floor coverings such as ceramic tiles and quarry tiles, any sub-floors subject to movement, vibration.

Do not apply Tradies Choice Master Level in temperatures below 10 °C or above 35 °C. Protect the application of Tradies Choice Master Level from direct sunlight and winds. This is to prevent flash set/cure and excess moisture loss. This is particularly important when laying thicknesses in excess of 10mm.





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Coverage

Tradies Choice Master Level will cover approximately 12 m² at 1mm in thickness.



DRYING TIMES

- **Work Time – 10 min** at 23 ° C
- **Appearance** - Grey powder
- **Initial set time** - 2 hours at 23 ° C
- **Initial set time for tiling applications** 6 hours at 23 ° C
- **Final set time** - 6 hours at 23 ° C
- **Shelf life 6 months** when stored in dry location and elevated.

<u>TECHNICAL DATA</u>	
Compressive Strength MPa	
1 Day	4.2 Mpa
7 Day	23.6 Mpa
28 Day	38.2 Mpa

- **Precautions**

- Do not use in swimming pools.
- Do not use externally if inclement weather is imminent.
- Concrete slabs must be at least 6 weeks old and have moisture content less than 5.5%.



PACKAGING

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

MANUFACTURERS WARRANTY

Tradies Choice Master Level is backed by our 15year Manufacturers Warranty.

SDS is available from www.sas-aa.com.au



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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.