

TILT SLAB, PRECAST AND OFF FORM CONCRETE



MasterWall Australia Master A.R.T system provides a perfect finish to any tilt slab, precast or formed concrete surface. Combining the structural integrity of concrete with the flexibility and premium textured finish of Master A.R.T, any wall can be turned into a design masterpiece.

1 Primer

MASTER KLEEN

Removes mould release agents.
15L Pail Covers 180m² @ 12m²/L

1



2 Prep Coat

GRIP PRIMER

Provides a 'key' when applying texture
15L Pail Covers 135m² @ 9m²/L

2



3 Texture Coating

Choose from:

Marble Medium Covers (~12m²/15L)

Sand Fine (~14m²/15L) & Medium (~12m²/15L)

Sapphire Sparkle (~12m²/15L)

3



4 Membrane Coating

Choose from:

Masterflex

Available in Matt & Low Sheen

Master Shield (~50m²/15L)

Master Clear Protect (~105m²/15L)

4



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IMPORTANT REQUIREMENTS

- Panels must be installed in accordance with the supplier's instructions and/or job specifications and relevant codes.
- Once application of the Wallcote system has occurred, the applicator is taken to have approved the installation and fixing of the panels.
- Application methods, processes and finishes should be approved by the client, preferably with the application of a site sample.

PREP COAT

It is essential that the surface is clean, sound, dry and free from contaminants and any loose or flaking material. Holes should be filled and damaged areas patched as required. In particular, the surface must be tested for the presence of mould release agents that will interfere with adhesion. If possible, determine what material was used in the construction of the panels and refer to the technical data from the manufacturer of the product for guidance on rate of oxidation and residue removal.

Oxidation and breakdown of mould release agents can take many months so testing of the panels is strongly recommended. The simplest test is a water splash test:

- Splash an area with water and observe whether the water beads on the surface or soaks in.
- The water should immediately soak in and the surface should darken.
- Any tendency for beading on the surface indicates a greasy, oily residue and requires the use of Master Kleen to prepare the surface. Refer to the Tech Data Sheet for Master Kleen for further information.

PRIMER

The concrete panel must be primed prior to texture coating.

- Use diluted Master Primer and apply a single coat of at the rate of 10-13m²/litre

- Allow Primer to dry before commencing following coats

(Note: Master Primer is supplied as a concentrate which must be diluted 1:1 before use). Refer to the appropriate Tech Data Sheet.

TEXTURE COATING

- Apply the selected Masterwall Trowel-On texture and follow the appropriate Tech Data Sheet.
- Application must be carried out in a brisk uniform fashion, terminating only when a whole area or section is completely coated, for example, at an expansion joint or corner.

Do not texture over expansion or control joints.

- Masterwall texture coatings should not be extended (spread) too far; otherwise durability and/or hiding power may suffer.
- Allow minimum 48 hours before commencing the paint coat.
- Coverage depends upon the particle size of the texture coat; Marble Medium should give 12-14m²/pail. Fine texture will give a little more while coarser materials will cover less area.

MEMBRANE COATING

Painting of texture with Masterflex is required to fully protect against water ingress, minimize dirt build up on the surface and to extend the life of the coating system. Refer to the appropriate Tech Data Sheet.

- Apply Masterflex as detailed in the current version of the Tech Data Sheet. Coverage should be 4-6m²/litre for a single coat over texture and 8-10m²/litre on a flat surface.
- **Masterflex** can be used if a full elastomeric membrane is specified. **Masterflex** can increase warranty in certain situations. Coverage should be 3-3.5m²/litre for a single coat

over texture and 6-8m²/litre on a flat surface.

- Masterflex may require thinning, depending upon the application method used. Up to 1 litre of clean water may be added to a 15 litre pail (~6.5%) without the need to apply any extra coats. Thorough mixing is essential.

Greater than 10% addition is not recommended in a final coat.

CLEAN-UP

Clean up all MasterA.R.T System materials with water.

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