

## PROCEDURE FOR CURING, STRIPPING & SEALING

### An Acrylic Concrete Curing, Stripping and Sealing System for use on Pigmented Floor Hardened Concrete Surfaces

#### Description

MULTICURE 200 a latex emulsion curing compound which dries to a colourless surface when applied to concrete. Note: Specifically recommended for use when curing both metallic and natural aggregate Pigmented Floor Hardened concrete surface beds.

MULTI THINNERS 1610 an emulsion based stripping / degreasing agent to strip the MULTICURE 200 and clean the surface of any building material, laitance or any other foreign material embedded in the surface.

MULTI FLOORCOAT 1060 a sodium silicate emulsion sealer when applied and mechanically buffed will give a slight sheen and enhance the colour pigmented floor hardened surface.

#### Typical Applications

- \* MULTICURE 200 is an economical method of assisting efficient concrete curing. The presence and retention of water in concrete is essential to ensure adequate strength development and to minimize initial plastic shrinkage crack development.
- \* The selection of the correct curing membrane grade is dependent on specification requirements and on job site conditions.
- \* Once the concrete is fully cured,  $\pm 28$  days, the MULTICURE 200 curing compound should be stripped and then sealed prior to project handover.

#### Advantages

- \* Economical
- \* Reduces incidents of shrinkage cracks
- \* Efficient curing
- \* Effective in all conditions pertaining to temperature and humidity
- \* Applicable in all site placed concrete as a curing agent, i.e. paving and floors
- \* Seals and beautifies old and new concrete substrates
- \* Used in conjunction with pigmented floor hardeners
- \* Reduces dusting on old concrete surfaces
- \* Maintenance product- re-coating when necessary

#### Typical Properties

Appearance:	White liquid, clear finish
Specific Gravity:	1.1 at 20° C
Flashpoint:	Clear glossy tack free film when dry
Drytime:	1 -2 hours
Shelf life:	Up to 1 year when stored in accordance with manufacturer's instructions

#### Directions for Use

MULTICURE 200 should be spray or roller applied to freshly placed concrete surfaces as evenly as possible. This should be carried out immediately after the initial sheen on the concrete surface has disappeared. Allow the concrete to cure for a minimum of 28 days.

**Note:** It is not recommended that MULTICURE 200 be applied in exterior conditions.

By means of a heavy duty industrial cleaner and vacuum equipment strip and clean the floor surface with MULTI THINNERS 1610 Stripper.

- \* Use an anti-wax to neutralize the surface.
- \* Immediately after stripping and cleaning, apply MULTI FLOORCOAT 1060 Sealer at the specified application rate.
- \* Allow the MULTI FLOORCOAT 1060 Sealer to dry,  $\pm 15$  minutes, and buff the surface to a slight sheen. Use a heavy duty industrial cleaner to carry out this procedure.

#### Coverage

MULTICURE 200 Curing Compound:  $\pm 10\text{m}^2/$

MULTI THINNERS 1610 Stripper:  $\pm 2 -3\text{m}^2/$

MULTI FLOORCOAT 1060 Sealer:  $\pm 10\text{m}^2/$

#### Subsequent Surface Finishes

The main advantage in using MULTICURE 200 is that it will not interfere in any way with subsequent surface treatments for concrete, i.e. paints, emulsions, sealants, adhesives, renders, tile adhesive, etc. If in doubt, please contact MCC LIMPOPO.

#### Equipment Care

All equipment should be cleaned with water after use.

#### Watchpoints

- \* Freshly placed exposed concrete shall be cured by spray or roller application with MULTICURE 200 concrete curing compound manufactured by MCC LIMPOPO
- \* MULTICURE 200 is to be applied to the concrete (indicate) at a coverage rate of  $9\text{m}^2$  per litre.
- \* After 28 days, or just prior to handover the curing compound must be stripped with MULTI THINNERS 1610 Stripper and then sealed with MULTI FLOORCOAT 1060 Sealer, all strictly in accordance with the manufacturer's instructions.

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#### Quality Assurance

MCC LIMPOPO's production and testing programmes comply with local testing standards. These stringent testing requirements must also comply to performance specifications for concrete curing compounds.

#### Updates:

This data sheet supersedes all previous issues prior to this date: 29/02/2004.