

Mastershield M50 Aqueous Epoxy

Reference: TDM50
Date: 07.08.06
Page 1 of 2

For Professional Use Only

| | |
|--------------------|---|
| Packaging | 10L kit |
| Description | Consists of 2 parts, namely; Part A (Resin) and Part B (Hardener). Part A & B are mixed in equal parts by volume (not weight) to result in a viscous solution. |
| Colour | Opaque and Neutral base; can be tinted with Mastertone Aqueous Tints or suitable architectural tints. Bright Tints must only be used with Opaque base. |
| Use | As a primer for concrete floors and walls or as a coloured coating for warehouses, factories, garages etc. Main use is indoors as direct sunlight will cause yellowing. |



| | |
|--------------------|---|
| Application | <ol style="list-style-type: none"> 1. Read material safety data sheet and tech data for both parts A & B before opening. 2. Ensure surface to be coated is free of all dirt, grease, oil, paint and other contaminants. 3. If the floor is smooth, acid etch or grind. This will maximise adhesion. Ensure all acid is removed prior to coating. 4. Mix A and B in correct proportions (1:1 by volume). Mix thoroughly until mix colour is uniform (white). Pigment can be added if required 5. Apply to surface with a soft broom or roller. (Note: the surface can be damp but not wet through or with puddles) 6. Allow to cure. Clean up with water <p>If to be used as a coloured final coating, apply a further 2 coats following steps 4 to 6 above.</p> |
|--------------------|---|

Note: For best results moisture content of slab should be less than 6%. For priming, product can be diluted up to 20% with water. Application temperature 10°C- 35°C. If used as a final coating, consideration must be given to slip resistance as coating may be slippery, particularly when wet. Refer to Slip Reducing Additive Tech Data.

| | |
|-------------------|---|
| Usage Rate | As a primer 1 Litre per 6m ² depending on surface texture, absorption etc. |
|-------------------|---|

| | |
|--|--|
| Specifications (After mixing equal volumes of A & B) | Appearance: White opaque viscous liquid Pot life @ 25°C: 2-4 hours (approx) Track free@ 25°C: 2-4hrs (approx) Recoating time@ 25°C : 2 hrs (approx) Light trafficable@ 25°C: 24hrs (approx) Full cure@ 25°C: 4 days (approx) VOC (other than water): Very low |
|--|--|

| | |
|---------------------------|--|
| Properties of film | Adhesion to concrete: old excellent (concrete failure) green excellent (concrete failure) Flexibility: good Hydrostatic pressure: (3 coats DFT 300micron) Good |
|---------------------------|--|

Mastershield M50 Aqueous Epoxy

Reference: TDM50
Date: 07. 08.06
Page 2 of 2

| | | |
|--|-------------------|-----------|
| Chemical Resistance (fully cured) 2 week immersion @ 20°C (very good = little or no effect) | Water | Very Good |
| | 10% caustic | Very Good |
| | Petrol | Very Good |
| | 10% acetic acid | Very Good |
| | 10% Sulfuric Acid | Very Good |
| | Antifreeze | Very Good |
| | Crude Oil | Very Good |
| | Vegetable Oil | Very Good |
| | Xylene | Very Good |
| | Sea Water | Very Good |

- Features** Water dispersible and can be diluted up to 20% with water. Water wash-up. Very low odour. Can be tinted. Excellent adhesion to concrete surface and damp but not wet concrete.
- Limitations** Inside use only. Not suitable as a membrane. Yellows with UV light. Not available in clear. Refer to other sealers in the Lustre Seal range.
- Safety** Ensure area to be coated is well ventilated. If sprayed, protect from breathing vapours & contact with skin & eyes. Wear safety glasses, gloves, boots & protective clothing. If skin contacted, wash off immediately with soap and water. If irritation occurs, seek medical advice. If eyes contacted, flush with copious amounts of water. If irritation occurs, seek medical advice. Material Safety data sheet must be read prior to using product.
- Storage** Store in a cool dry area away from foodstuffs, oxidising and reducing agents, amines, acids and alkalies.
- Shelf Life** 12 months from manufacture if stored unopened in ideal conditions.
- Maintenance** As required dependant on use.
- Spills & Disposal** Do not allow product to enter drains or waterways. Wear safety equipment and soak up in absorbent inert material such as sand and collect in a suitable labelled container for disposal as required by local authorities

PARCHEM CONSTRUCTION SUPPLIES PTY LTD has no control over the use or storage of this product and therefore does not accept any liability in this regard. Any verbal advice given should NOT be regarded as authoritative information. This information is subject to change without notice, therefore, all applicators should ensure they have up to date information. This product is intended for use only by skilled tradesman and where applicable statutory licensed tradesman, experienced and trained in the use of this product. This product is warranted to be of uniform quality within the manufacturer's tolerances. The manufacturer has no control over the use or misuse of this product, therefore, no warranty expressed or implied, is or can be made either as to the effects or results of such use. The manufacturer's obligations shall be limited to replacing product proven to be defective. Please refer to our terms and conditions of sale