

MasterKure 402

Solvent based acrylic copolymer curing compound and sealer

Material Description

MasterKure 402 is a clear, modified acrylic, membrane forming, curing compound for use on plain or coloured concrete. **MasterKure 402** meets and exceeds the moisture retention requirements of ASTM C-309 "Specification for Liquid Membrane-Forming Compounds" when applied at the recommended rate.

Areas of Application

- Curing plain and coloured fresh concrete floors, smooth or textured surfaces, indoor or outdoor applications.
- Curing cementitious toppings and surface hardening finishes, particularly those containing metallic aggregates such as the MasterTop 200 range.
- Efficiently curing all cementitious grouts and mortars including MasterFlow iron and natural aggregate formulations.

Characteristics and Benefits

- Efficient curing of concrete - seals in moisture to facilitate complete hydration of cement matrix, maximising strength, increasing durability, improving wear resistance and minimising surface dusting.
- Non-yellowing and safe - will not increase the slipperiness of concrete floors.
- Easy to use - can be applied by brush, roller or spray and does not interfere with the adhesion of additional cement based toppings.
- Multi-purpose - can be applied to smooth or rough surfaces.
- Glossy - leaves polished glazed appearance on floor surface and can be recoated to provide semi-gloss surface.

Application

Apply as soon as the surface has hardened sufficiently to prevent marring. The surface should be damp but with no free water. Do not wait overnight before applying **MasterKure 402**.

Use a short nap roller (not lambswool or pile rollers). Do not add thinner or solvent.

Avoid overlapping and retouching of dried areas. Do not use in excess of 5m² per litre on fresh concrete.

MasterKure 402 can be sprayed using a low pressure spray, e.g. backpack spray. Wear masks and avoid inhaling droplets. Allow surface to dry thoroughly (minimum 3 hours at 21°C) and ban all access until concrete has developed sufficient strength to withstand traffic.

Where necessary, cover the dried **MasterKure 402** with non-staining paper or polythene sheeting to protect the surface from dirt, paint etc.

If a high gloss is required on burnished floors or MasterTop cementitious floors then apply a second coat before handover and maintain with resin based wax and polish.

Estimating Data

Actual coverage depends on the texture and porosity of the surface.

For curing fresh concrete floors, apply at a rate of 5m² per litre to meet moisture retention requirements of ASTM C-309.

For sealing of existing plain or coloured concrete floors, coverage will vary depending on the texture and porosity and ambient temperatures however it will generally be in the range 7.5 to 10m² per litre per coat, two coats recommended.

Cleaning

For removing **MasterKure 402** from equipment use thinners or MasterSeal 955.

Packaging

MasterKure 402 is available in 20 litre pails and 200 litre drums.

Storage & Shelf Life

MasterKure 402 has a shelf life of 24 months. Store out of direct sunlight, clear of the ground on pallets protected from rainfall.



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Precautions

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

Disclaimer

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STATEMENT OF RESPONSIBILITY

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NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by MB Solutions Australia Pty Ltd either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not MB Solutions Australia Pty Ltd, are responsible for carrying out procedures appropriate to a specific application.

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