

# MasterKure<sup>®</sup> 402

Solvent based acrylic copolymer curing compound and sealer

## 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.

## RECOMMENDED USES

- 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.

## FEATURES AND BENEFITS

- Efficient curing of concrete, when applied at the recommended rate **MasterKure 402** effectively seals in moisture to facilitate complete hydration of cement, resulting in maximum strength, increased durability, greater wear resistance and minimum surface dusting
- Safe, will not increase the slipperiness of concrete floors
- Easy to use, can be applied by brush, roller or spray
- Can be applied to smooth or rough surfaces
- Leaves polished glazed appearance on floor surface
- Can be recoated to provide glossy surface

## SPECIFICATION

As soon as the floor will not be marred by the application, all concrete floors indicated in the plans or the floor finish schedule should be cured with **MasterKure 402**. Preparation of surface, quantities used, application procedure and precautions shall be followed in strict compliance with BASF stated recommendations and directions.

## 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 5m<sup>2</sup> 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 5m<sup>2</sup> 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 10m<sup>2</sup> per litre per coat, two coats recommended.

## CLEANING

For removing **MasterKure 402** from equipment use **Thinner No. 1**.

## PACKAGING

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



The Chemical Company

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## SHELF LIFE

**MasterKure 402** has a shelf life of 12 months. Store out of direct sunlight, clear of the ground on pallets protected from rainfall.

## PRECAUTIONS

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

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### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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### NOTE

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

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