

MASTERKURE[®] 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 FOR

- 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 Construction Chemicals stated recommendations and directions.

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.

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.

CLEANING

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

PACKAGING

MASTERKURE 402 is available in pails of 20L and drums of 205L.

SHELF LIFE

MASTERKURE 402 has a shelf life of approximately 24 months stored in a dry place in tightly closed original containers at moderate temperatures.

PRECAUTIONS

MASTERKURE 402 IS FLAMMABLE.

- **MASTERKURE 402** is a lacquer and should not be used where it will be exposed to solvents or plasticisers.
- Tracking will be evident on Mastertop floors if a polishing programme is not implemented.
- **MASTERKURE 402** will darken surfaces.

Keep out of reach of children. Avoid contact with skin and eyes and avoid breathing its vapour. If skin contact occurs remove contaminated clothing and wash skin thoroughly. If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do not induce vomiting. Give a glass of water. Give artificial respiration if necessary.



The Chemical Company

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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 Construction Chemicals **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.

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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