



The Chemical Company

# MASTERKURE<sup>®</sup> 148

Wax based, concrete curing compound

## DESCRIPTION

**MASTERKURE 148** is a ready to use, liquid membrane curing compound based on selected grades of paraffin wax, which when applied on to surfaces of newly placed or freshly deshuttered concrete, assists in the retention of water during hydration. It can be supplied with pigments as **MASTERKURE 148 pigmented**.

**MASTERKURE 148** conforms to ASTM C309 : Type 1, Class B.

## FIELDS OF APPLICATION

**MASTERKURE 148** is suitable for curing external concrete paving.

**MASTERKURE 148** is not recommended for application where subsequent renders, toppings or coatings are to be applied or on coloured concrete surfaces.

## FEATURES AND BENEFITS

<b>Improves moisture retention in concrete</b>	Facilitates more efficient hydration of cement for greater strength and superior wear resistance.
<b>Prevents rapid water evaporation</b>	Reduced plastic shrinkage cracks and dusting.
<b>Water based</b>	Safe to use. No harmful vapours. Not a fire hazard.
<b>One time application</b>	Avoids messy and repetitive water curing. Saves labour.

## PROPERTIES

Supply form	: liquid
Colour	as supplied : White / coloured applied film : Clear / coloured
Density	: 0.99 kg/L
Application temperature	: Above 5°C

## APPLICATION

Use **MASTERKURE 148** as supplied without dilution. Stir well before use (rolling drums containing the product is an effective method). Apply after the final finishing operation as soon as the concrete surface has hardened sufficiently to prevent marring. Delaying the application until the next day will allow substantial loss of moisture reducing the effectiveness of the curing membrane.

The surface should be damp but with no free water on it. In the case of formed concrete, apply immediately

after striking the formwork. If the surface has dried out, dampen the concrete before application.

For best results, apply an even coat by a low pressure spray equipment (knapsack sprayer) or with a wide short nap roller or brush. With all methods, take adequate care to prevent marring of the concrete surface.

Apply the curing compound evenly on all exposed concrete surfaces at a minimum rate of 5 m<sup>2</sup>/L so as to form a continuous film.

## CLEANING

Clean the tools and equipment using water immediately after use. If the curing compound has dried out, use a solvent such as mineral turpentine for cleaning.

## ESTIMATING DATA

Actual coverage depends upon the method of application, the texture and porosity of the surface. The recommended coverage of **MASTERKURE 148** is 5 m<sup>2</sup>/L. Material requirement therefore is 0.2 L/m<sup>2</sup>.

## PACKAGING

**MASTERKURE 148** is available in 20 L pails and 205 L drums.

## SHELF LIFE

**MASTERKURE 148** can be stored in unopened original containers for 12 months from date of manufacture at constant moderate temperatures.

## PRECAUTIONS

**Health** : **MASTERKURE 148** is non toxic and does not normally require any special precaution while handling.

**Fire** : Not flammable.

For detailed Health, Safety, Environmental recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

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# MASTERKURE<sup>®</sup> 148

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** 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 Construction Chemicals** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.

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