



The Chemical Company

MASTERKURE[®] 100WB

Wax emulsion curing compound

DESCRIPTION

MASTERKURE 100 WB (clear or white) is a water based wax emulsion compound for curing fresh moist plain concrete. It forms a flexible film which prevents concrete drying out during the critical early stages of hydration thus ensuring satisfactory curing of the concrete. **MASTERKURE 100 WB** meets the requirements of AS 3799-1998, "Specification for Liquid Membrane-Forming Curing Compounds for Concrete" when applied at the recommended application rate.

RECOMMENDED FOR

- all types of external concrete paving
- applications where damp curing is impracticable
- concrete road pavements to prevent base course bonding to top course
- use as a bond breaker in lift slab construction

MASTERKURE 100 WB (clear or white) is not recommended for application when subsequent renders, toppings or coatings are to be applied and for coloured concrete finishes. **MASTERKURE 100WB** white is not recommended for coloured concrete finishes.

FEATURES AND BENEFITS

- **efficient curing of concrete, assists the development of strength, abrasion resistance and durability and reduces the likelihood of cracking or dusting at the surface**
- **easy to use, quick means of curing which requires no further attention, eliminates the problems of messy water curing**
- **safe to use, MASTERKURE 100 WB is non-flammable, non-corrosive, non-toxic and non-staining, less hazardous than some other methods of curing**
- **economical**

TYPICAL PERFORMANCE DATA

AS 3799-1998 specification requires that curing compounds achieve a minimum efficiency index of 90% in 72 hours.

Water retention efficiency conducted on **MASTERKURE 100 WB** provided the following results.

Application Rate 5m²/litre
Efficiency Index >90%

Drying Time: Approximately 3 hours at 23°C

NOTE: The data shown is based on controlled laboratory tests. Reasonable variations from the results can be expected in practice due to field conditions.

PROPERTIES

The concrete shall be cured with **MASTERKURE 100 WB** applied as soon as the concrete has set sufficiently so as not to be marred by the application. Formed surfaces shall be cured as soon as the forms have been stripped. Preparation of surfaces, quantities used, application procedures and installation precautions shall be followed in strict compliance with BASF Construction Chemicals recommendations and directions.

APPLICATION

When to use

MASTERKURE 100 WB should be applied in one coat immediately after the final finishing operation as soon as the surface has hardened sufficiently to prevent marring.

The surface should be damp but with no free water on it. Delaying the application of **MASTERKURE 100 WB** until the next day will allow considerable loss of moisture, reducing the effectiveness of the curing membrane.

How to use

Apply uniformly and thinly so as to form a continuous film. **MASTERKURE 100 WB** is applied using a wide short nap roller, brush, or low-pressure spray. Do not dilute.

MASTERKURE 100 WB is supplied in clear or white pigmented to reduce heat absorption by the concrete.

CLEANING

Clean equipment immediately after use with hot water. If allowed to dry, use **Thinner No. 1** to clean up.

ESTIMATING DATA

Actual coverage depends on the texture and porosity of the surface. The recommended application rate is 5m²/litre.

PACKAGING

MASTERKURE 100 WB is available in clear or white pigmented in pails of 20 litre, drums, 200 litre drums and 1000 litre pallecons.

SHELF LIFE

MASTERKURE 100 WB has a shelf life of approximately 6 months if stored in its original sealed container at moderate temperatures. Do not allow to freeze. Avoid as far as possible storage in direct sunlight and avoid long-term exposure to high temperatures.

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 Construction Chemicals **Material Safety Data Sheet (MSDS)** from our office or our website.



The Chemical Company

MASTERKURE[®] 100WB

AMk100WB/14/1111

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.

BASF Australia Ltd

A.B.N. 62008437867

Head Office: 11 Stanton Road Seven Hills, NSW 2147

Ph. (02) 8811 4200

Newcastle (02) 4961 3819

Canberra (02) 6280 6010

Brisbane (07) 3633 9900

Townsville (07) 4774 7344

Melbourne (03) 9549 0300

Adelaide (08) 8139 7500

Perth (08) 9366 2600

Darwin (08) 8984 3269

Kalgoorlie 0417 772 355

BASF New Zealand Ltd

BASF WEB SITES

Head Office: 45 William Pickering Drive, Albany, Auckland Ph: (09) 414 7233

www.basf-cc.com.au

www.basf-cc.co.nz

www.meyco.basf.com
