

MasterKure 220WB

Aqueous polymer dispersion for curing concrete surfaces

DESCRIPTION

MasterKure 220WB is non-degrading, membrane-forming, aqueous polymer dispersion suitable for spray application to stripped concrete and freshly placed concrete. The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement essential for optimum strength development. The cured concrete is typically harder and exhibits a dust free surface with a reduced incidence of drying shrinkage cracks.

When applied to floors, the MasterKure 220WB seals and dustproofs the surface, eliminating the primary source of abrasion and enhancing durability.

FIELDS OF APPLICATION

MasterKure 220WB is suitable for all cementitious materials where complete water retention is required. It should be applied on matt dry and stripped concrete surfaces.

- On construction site, for bridge construction, high-rise construction and underground construction
- For precast concrete and concrete flooring

FEATURES AND BENEFITS

MasterKure 220WB dries quickly and leads to a dense water retentive membrane. Additionally, the membrane acts as a primer system for many subsequent surface finishes like tile adhesives, paint systems and cementitious systems that do not rely on penetration for substrate bond. MasterKure 220WB enables most surface treatments to progress with minimal delay. Due to its low viscosity, it is easy to apply, economical in use and very reliable even under difficult application conditions.

- Suitable for many subsequent surface finishes
- Aqueous product for indoor application
- Imparts a harder dust free surface
- Easy and economical application
- Reduces labour costs

APPLICATION PROCEDURE

In the case of formed concrete, the product should be applied immediately on removal of the formwork. In case of freshly placed concrete MasterKure 220WB should be spray applied as evenly as possible to the surface.

For horizontal surfaces the MasterKure 220WB should be applied as soon as the initial surface sheen has disappeared from the concrete face (matt dry surface). It is important to apply an even layer of the product. Otherwise, the surface will have a spotted appearance after drying. A nozzle with a wide spraying angle (> 90°) is recommended.

MasterKure 220WB shall be applied when the temperature is above 5°C. Clean all spray equipment, particularly nozzles with water. It is advisable when a spray nozzle is not in use to leave it immersed in water.

COVERAGE

The recommended rate of application is 5 to 6.5 m² per litre (150 – 200 ml/m²). In favourable conditions such as shaded interior surfaces, adequate curing can be achieved with reduced coverage rates.

If MasterKure 220WB is used on concrete floors after troweling, 70 – 100 g/m² are recommended.

PACKAGING

MasterKure 220WB is supplied in 20 kg containers, 210 kg drums and 1000 kg IBC's

CONTACT DETAILS

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Product Data	
Appearance	White, milky liquid
Specific gravity @ 20°C	Approx. 1.00 g/cm ³
Application temperature:	> +5°C
Logistics	
Shelf life:	6 months if stored according to manufacturer's instructions in unopened container.
Storage conditions:	Store under cool and dry conditions and protect from freezing and contamination. Temperatures of the product over 30 °C may accelerate separation of the dispersion.
Handling and transportation:	Refer to MasterKure 220WB Safety Data Sheet
Disposal:	Refer to MasterKure 220WB Data Sheet

MasterKure 220WB, Master Builders Solutions UK Ltd, Version 1

Health and Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Spillage

Chemical products can cause damage; clean spillage immediately.

DISCLAIMER

"Master Builders Solutions UK Ltd" (the Company) endeavours to ensure that advice and information given in Product Data Sheets, Method Statements and Material Safety Data Sheets (all known as Product Literature) is accurate and correct. However, the Company has no control over the selection of its products for particular applications. It is important that any prospective customer, user or specifier, satisfies him/her-self that the product is suitable for the specific application. In this process, due regard should be taken of the nature and composition of the background/base and the ambient conditions both at the time of laying/applying/installing the material and when the completed work is to be brought into use.

Accordingly, no liability will be accepted by the Company for the selection, by others, of a product, which is inappropriate to a particular application.

Products are sold subject to the Company's standard conditions of sale and all customers, users and specifiers, should ensure that they examine the Company's latest Product Literature.