

Emcoril GP (Formerly known as JetCure GP)

General Purpose Curing Compound and Surface Sealer

Description

Emcoril GP is an environment friendly, solvent free water based curing compound based on specialized inorganic materials. It hardens and seals cementitious surfaces, improving its abrasion resistance.

Advantages

- Prevents premature moisture loss from concrete
- Improves hydration of cement
- Does not interfere with adhesion of subsequent treatments
- Non-staining
- Provides dust free concrete surface
- Reduces shrinkage and associated cracks
- Saves labour
- Dries quickly without odour
- Available in transparent and fugitive colours

Application

Areas of application

Emcoril GP is used to seal vertical and horizontal concrete surfaces thereby retaining moisture for effective curing of elements such as columns, beams, slabs, screed, repair mortar, plaster, render, etc. It is used especially where the concrete surface will be subsequently coated with acrylic coatings, epoxy coatings, paints, etc.

Surface Preparation

Concrete surface should free from mould release agents, standing or bleed water and other impurities.

Coverage

5-6m²/ltr/coat (coverage depends on surface finish, porosity and texture)

Application

Emcoril GP is ready to use and should not be diluted. Stir well before use. Start applying Emcoril GP once the "free" water evaporates from horizontal surfaces or once the vertical forms are stripped. Where conditions are particularly adverse, Emcoril GP may initially be used in conjunction with polythene sheet. Emcoril GP should be applied uniformly with knapsack spray equipment, woollen rollers, brush, etc. Two coat application is recommended.

Note

Emcoril GP does not adversely affect the bonding between the substrate and the subsequent finish such as: repair mortars (epoxy and polymer modified), Tile Adhesives (epoxy and polymer modified), paints based on PVA or acrylic co-polymers, Bituminous emulsion, epoxy and polyurethane floor coatings. For other types of subsequent coats, bond strength needs to be verified by onsite testing.

Typical Properties at 25°C

Property	Test Method	Value
Specific Gravity	ASTM C494	1.10 +/- 0.05
Component	-	Single
Form	-	Liquid
Colour	-	Clear, Blue, Red and White
Curing Efficiency	BS 7542	> 75%

General Information

Package Size	20 ltr
Shelf Life	12 months from date of manufacture when stored under warehouse conditions
Cleaning	Clean all equipments and tools with water immediately after use

Health and Safety

PPE's	Gloves, goggles and suitable mask must be worn.
Precaution	Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately.
Hazard	Regarded as non-hazardous for transportation.
Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
Additional Information	Refer MSDS. (Available on request.)

Technical Support	MC Technical Services are available on request for on site support to assist in the correct use of its products.
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NOTE:

It is the customer's responsibility to satisfy themselves by checking with the company whether information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current data sheets. However, MC-Bauchemie does not warrant or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendations relating to application and end use are given in good faith. The products are guaranteed against any manufacturing defects and are sold subject to MC- Bauchemie's standard terms and conditions of sale.