

MasterProtect P 210

Two-component primer of the MasterProtect 220 system.

MATERIAL DESCRIPTION

Two-component, high-solid epoxy-polyamide primer, suitable for protective interventions on healthy or long-restored concrete. Applied by roller or spray directly on the structure, it prepares the substrate for the application of MasterProtect 220 which creates a film-forming coating with crack bridging ability and high protective capacity against the aggressors of reinforced concrete.

FIELDS OF APPLICATION

- In case of need to protect reinforced concrete structures, MasterProtect P 210 sprayed on the concrete surface acts as a primer.
- In the case of reinstatement of the reinforced concrete, MasterProtect P 210 sprayed 30 minutes after the trowelling of the mortars of the MasterEmaco S400 line, performs the double action of curing the mortar itself and of primer for the subsequent application of the elastomeric polyurethane coating MasterProtect P 210.

FEATURES AND BENEFITS

The peculiar characteristics of MasterProtect P 210 are:

- simplicity of application;
- high curing capacity;
- excellent consolidating and adhesion promotion capacity for the final coating even in the case of slightly damp concrete;
- fast drying.

CONSUMPTION

The consumption of MasterProtect P 210 is 0.10-0.15 lt / m²

PACKAGING

MasterProtect P 210 is available:

- component A: 7.5 liter tank
- component B: 2.5 liter tank

STORAGE

MasterProtect P 210 must be stored in a covered and dry place at a temperature between 5 and 35°C.

Technical data	
Density	1,47 ± 0,05 kg/l
Solids by volume	66 ± 2%
Useful life in an open vessel	2 ore a + 20°C
Mixing ratio	Weight: 83% A / 17% B Volume: 75% A / 25 B
Deep drying	24 h (a + 20° C)
Cleaning tools	Thinner for epoxies E 100
Application temperature	5 ÷ 35°C

APPLICATION DATA SHEET

PREPARATION OF THE SUPPORT

In the case of the need to protect the reinforced concrete structures only, before applying the primer it is essential to check that the concrete surfaces are not degraded and / or contaminated by oils, greases or other substances, in which case it is first necessary to remove of incoherent and contaminated concrete and then to restore it with the products of the MasterEmaco line. The primer must be applied on previously sandblasted surfaces (this operation is not necessary for areas restored with MasterEmaco products) and subsequently cleaned and dusted with pressurized air.

TEMPERATURE

The application can take place when the ambient temperature is between 5 and 35°C, it is not recommended to apply at a lower temperature because the drying of the product would be very slow.

APPLICATION

Mix the two components separately; then pour component B (hardener) into component A (base) homogenizing well with a low speed mechanical mixer. The product can be applied by spray or roller (for limited areas). It is possible to dilute the product with 5 ÷ 10% of specific thinner E100. After applying the primer, it will be necessary to wait a minimum of 6 hours and a maximum of 48 hours, in standard environmental conditions (20°C, 65% RH), to proceed with the application of the MasterProtect P 220 finish.

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Airless spray system	
Equivalent nozzle diameter	0,018 – 0,023 inc
Spray angle	50 - 80°
Pressure at the nozzle	150 – 200 bar

CLEANING

Tools used for mixing and applying the material can be cleaned with epoxy thinner.

WARNINGS

MasterProtect products are for professional use. For further information, consult the Master Builders Solutions Italia Spa area technician.

SAFETY INSTRUCTION

For information on the correct and safe use, transport, storage and disposal of the product, consult the most recent Safety Data Sheet.

OTHER SERVICES

For price analysis, specifications, supplementary brochures, references, reports and technical assistance, visit the website www.master-builders-solutions.com/it-it or contact infomac@mbcc-group.com.

Scan the QR code to visit the product page and download the latest version of this datasheet.



Since 16/12/1992, Master Builders Solutions Italia Spa has been operating under a Certified Quality System compliant with the UNI EN ISO 9001 Standard. Furthermore, the Environmental Management System is certified according to the UNI EN ISO 14001 Standard and the Safety Management System is certified according to the UNI ISO 45001 Standard.

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Therefore, the customer is not exempted from the exclusive task and responsibility of verifying the suitability of our products for the intended use and purposes.

This version supersedes all the previous ones.