

MasterEmaco N 108 RS

One-component, gray cementitious mortar with very fast setting and rapid development of resistance, for fixing finishes and finishing elements.

MATERIAL DESCRIPTION

MasterEmaco N 108 RS is a premixed, single-component, gray, very fast-setting cementitious mortar for fixing and grouting finishes and finishing elements. Compressive strength at 3 hours equal to 10 MPa. Application by hand.

MAIN FIELDS OF APPLICATION

MasterEmaco N 108 RS has been designed for fixing finishing and finishing furnishings (ducts, fixtures, electrical boxes, etc.).

MasterEmaco N 108 RS can be applied on substrates such as:

- Concrete
- Cement-based plasters
- Bricks
- Stone.Plasters and cementitious mortars



CONSUMPTION

Average consumption 2 kg per liter (volume to be filled).

PACKAGING

25 kg paper bag.

STORAGE

Store the product in a dry and sheltered place at a temperature anywhere between 5 and +35°C.

Technical Information		
Mixing water		18%
Dough life time		60 sec
Setting time approx.		3 min
Grain size		≤ 0.6 mm
Ready for use		3 hours
Essential characteristic		Performances
Density of the hardened product,	EN 12190	2,0 Kg/lt
Compressive strength after 3 hours,	EN 12190	10,0 MPa
Compressive strength after 24 hours,	EN 12190	15,0 MPa
Compressive strength after 28 days,	EN 12190	30,0 MPa
Flexural strength after 28 days	EN 196-1	7,0 MPa
Reaction to fire Class A1		Class A1

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APPLICATION SHEET SUBSTRATE PREPARATION

Check that the substrate is free of dust, paints, waxes, oils, rust and incoherent or flaking parts. Carefully wet all surfaces before applying MasterEmaco N 108 RS.

MIXING

Do not start mixing the product if the ambient or substrate temperature is below 5°C or above 35°C. MasterEmaco N 108 RS must be mixed with 0.36 liters of water every 2 kg. It is very important to keep in mind that the product hardens in about 60 seconds, therefore it must be mixed with absolute speed and applied extremely quickly. Once mixed, MasterEmaco N 108 RS will take on the appearance of a very consistent paste.

APPLICATION

Distribute the product in the intervention cavity by exerting a discreet compression on the product using the trowel, then trowel to obtain a good roughness of the surface to be finished aesthetically (it can be covered not before 7 hours have elapsed from application).

WARNINGS

Do not apply at temperatures below + 5°C or above + 35°C.

Do not apply on frozen or frozen substrates in less than 24 hours.

Do not use the product after 60 seconds from mixing, otherwise it will lose its characteristics.

Do not apply on gypsum, inconsistent or crumbling substrates, however never on large surfaces.

Do not add any type of material, inert and / or complementary, to the product, otherwise it will lose its characteristics.

Do not leave the bags of the product exposed to the sun before use.

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.



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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.