

MasterSeal 600

Acrylic emulsion for MasterSeal 581 and cement mortars.

DESCRIPTION

MasterSeal 600 is an acrylic emulsion having a solids content by weight of more than 25%. It appears as a milky white liquid, which is non-toxic, non-corrosive and non-flammable.



MAIN FIELDS OF APPLICATION

MasterSeal 600 is used as component B in MasterSeal 581 for waterproofing applications. It may also be used for the on-site preparation of cement mortars and plasters to improve the performance of mixes obtained by adding just water. It is also used to improve bonding in construction joints.

FEATURES

MasterSeal 600 is added to cement mixes to improve their:

- workability;
- application;
- bonding to the substrate;
- mechanical characteristics and resistance to natural aggressive agents such as freeze and thaw cycles.

PACKAGING

5 and 20-litre cans.

COVERAGE

Product	litres/m ²
Component B of MasterSeal 581	0,17 litri/m ²
Renders	1 litre / 1,25 m ²
Mortars	1-1,5 litre / 15 kg mortar
Construction joints	1 litre / 10 -15 m ²

STORAGE

In a dry, sheltered place at a temperature anywhere between 2°C and 35°C.

APPLICATION SHEET

TEMPERATURE

Mortars prepared with MasterSeal 600 must not be applied when temperatures below 5°C are forecast for the following 24 hours.

FOR CONSTRUCTION JOINTS

Prepare a dry mixture consisting of 2 volumes of sand and 1 of cement. Mix MasterSeal 600 and water in the proportion 1:1.

Mix the dry mix with the liquid component. Apply by brush onto the previously wetted substrate, entirely covering the surface of the joint. Cast the concrete while the grout is still green.

APPLICATION FOR MORTARS AND PLASTERS

The recommended ratio by volume MasterSeal 600/ water is 1:3. In this case the mortar must be mixed by drill with whisk attachment, adding the dry mixture a little at a time to the liquid so as to encourage the formation of air bubbles. MasterSeal 600 is particularly suitable for the repair of horizontal and vertical surfaces as it helps the mortar bond strongly to the substrate and increases the characteristics of strength and durability.

To ensure best adhesion, it is advisable first of all to coat the substrate (properly cleaned and wet) with a grout made with MasterSeal 600, of the type indicated for construction joints, and then apply the repair mortar while the grout is still fresh.

For work on vertical surfaces the repair mortar is generally of a dry consistency and requires precise compaction during application. The recommended MasterSeal 600/acqua è di 1:1. For work on horizontal surfaces, it is preferable to use mortar with more workability (plastic or fluid consistency) and apply successive layers between 1 and 2.5 cm thick.

The recommended MASTERSEAL 600/water ratio is 2:1.



We create chemistry

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WARNINGS

Setting times may be prolonged when the temperature is below 10°C or the relative humidity level is high.

When resistance to freeze and thaw cycling is not required, do not mix for very long so as to avoid drawing in excessive air.

Avoid using MasterSeal 600 in any application where there could be prolonged contact with hydrocarbons (petrol, diesel oil, etc.).

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For further information, please consult your local BASF Construction Chemicals Italia Spa representative.

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Supersedes all prior issues on this product.

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