

MAGICOL®

Bonding additive

DESCRIPTION

A modified acrylic resin in aqueous emulsion with strong binding characteristics used to improve the physical and mechanical characteristics of cementitious compounds in general.

USES

MAGICOL is suitable for the preparation of:
 Cementitious patching of various thicknesses.
 Cementitious binders for the application of tiles and mosaic tesserae.
 Plaster in lime mortar and/or non-hydraulic lime mortar for restoration work on plaster and masonry.
 Cementitious levelling or surfacing plaster.
 Patching cement for casting faults.

ADVANTAGES

Increases the adhesion, strength and binding properties of cementitious mixes in general.
 Enhances mechanical resistance to flexural and compressive stress of plaster and concrete and increase impact strength.
 Excellent degree of resistance to chemical agents in general and U.V. rays.
 Improves the stability of mixes during sudden change in temperature and freeze-thaw cycles.
 Reduces shrinkage during the plastic phase of cement mortar mixes.
 Delays drying of cementitious mixes in hot windy climates and fine thickness mortar.
 Increases abrasion resistance of cementitious.

TECHICAL DATA

Sp. Gr.:	1.05 g/cm ³
Viscosity at 20°:	25-30cps

INSTRUCTIONS FOR USE

As a primer for restoration and/or patching:
 Use MAGICOL as supplied

As an additive for MAGISEAL or other cement-base low thickness coating mixes for filling and sealing and/or laying tiles mosaic etc:
 5-8% MAGICOL with respect to the full weight of the mix.
 Add the product to the water used in the mix.

As an additive in restoration/patching mortar:
 1-2% MAGICOL with respect to the full weight of the mortar.
 Add the product to the hydrated mortar.

YIELD

For surfacing casting faults: 500-600 g/m²
 As an additive for cementitious mixes refer to the data above.
 Any variation in required quantities will be ascertained on the basis of specific needs at the construction site or place of application.

COLOUR

White liquid.

PACKING

Can 5-25 Kg
Drum 220 Kg

CAUTION

Do not use mixes improved with MAGICOL at temperatures lower than 5°C when it is expected that the temperature will fall below 5° during the hours following application.

High levels of humidity will reduce the setting times.

Do not use air entraining admixtures in mixes improved with MAGICOL.

STORAGE

Shelf-life of at least 12 months when stored in the original sealed packaging in an environment protected against freezing.