

MACBOND PERFORMANCE ADDITIVE

A specially formulated polymer for addition to cement based renders and tile adhesives.

DESCRIPTION

Macbond is a polymer-based liquid admixture formulated for addition to many commonly used cement-based construction products. With Macbond, the user is able to dial-in the product strength necessary for each particular application. The addition of Macbond to cement based mixes will significantly improve a myriad of properties including;

- > Tensile adhesion
- > Flexibility
- > Chemical resistance
- > Water resistance



TABLE 1. RECOMMENDED MIXING RATIOS

APPLICATION	MACBOND : WATER
<i>Cement rendering porous surfaces</i>	1 : 20
<i>Rendering aerated concrete (AAC) blocks and panels</i>	1 : 10
<i>Cement rendering non-porous surfaces (1st coat)</i>	1 : 1
<i>Cement rendering concrete panels (1st coat)</i>	1 : 2
<i>Tiling: Porous tiles on rigid porous surfaces</i>	1 : 10
<i>Tiling: Non-porous tiles over flexible surfaces including fibre-cement sheet & plasterboard</i>	1 : 1
<i>Priming porous masonry surfaces</i>	1 : 1
<i>Bricklaying mortar</i>	1 : 20

SUITABLE APPLICATIONS

Macbond can be added to a number of cement-based construction products to improve their general performance properties. Suggested uses for Macbond include;

- > Addition to cement based renders to improve adhesion and flexibility
- > Addition to cement-based ceramic tile adhesives to dramatically upgrade adhesive performance and flexibility
- > Use as a primer on porous masonry surfaces to seal and fortify the surface prior to rendering or coating
- > Addition to cement-based mortars for improvement of properties including strength and workability

COMPOSITION

Macbond is a non-diluted acrylic copolymer liquid admixture. Due to its excellent compatibility with portland cement, Macbond is ideally suited to most cement-based products where performance improvement is required. Always check with manufacturer for suitability.

PREPARATION OF MACBOND

Prior to the addition of Macbond to the mix, a diluted solution should be prepared in accordance with the above chart. Once prepared, the diluted Macbond solution is added to the mix as the complete liquid requirement. The

dilution ratio of the Macbond solution will be dependent on the product it is being added to and the specific application.

WASH UP

Clean tools and equipment immediately after use with clean water. Products prepared with strong Macbond solutions will prove extremely difficult to remove once hardened.

PACKAGING

Macbond is supplied in convenient 5, 10 and 20 litre plastic jerry cans.

SAFETY

Macbond is non-hazardous however prolonged exposure may cause skin irritation. MAC strongly recommends the use of skin and eye protection during application. Prepare Macbond solutions in a well ventilated area. Refer to MSDS for details.

IMPORTANT NOTE:

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