

Working with Ecomortar G – Ready-Mix

Ecomortar G is a premixed product designed to provide all the benefits of traditional lime mortars for wider general use in the construction industry, particularly new construction and general building repair. Ecomortar G eliminates inconsistency in mixes, commonly associated with site practice, allows greater flexibility and comfort to the specifier in choosing a lime mortar by eliminating many of the misconceptions of use quite frequent amongst contractors not experienced in using lime mortars.

Ecomortar G contains a natural water retainer and air entrainer to improve the curing process, reduce the effects of moisture loss and aid workability. Because Ecomortar G is made with properly graded sands it further reduces the need for contractors and specifiers to check local sands and aggregates for compliance. Well-graded sands such as those used in Ecomortar G reduce shrinkage, improve vapour transfer and workability.

In its basic coarse versions, G type with granulometry of #16 (1mm) respectively, Ecomortar G can be used in almost all building applications. Different granulometry is available for special applications.

Once applied Ecomortar G will be durable, matching the performance of traditionally made lime mortars. The type G mortar is based on a moderately hydraulic lime (NHL 3.5), particularly suitable for normal, moderate and exposed climatic locations and is an excellent material for pointing and building, internal plaster base coats, finished renders and decorative surface finishes. It is also available as a pre-colored material for scraped and textured finishes for architectural feature walls.

The range of colors available is vast and pigmentation is finely controlled to an extent that will guarantee the same color in successive batches. The dispersion of the pigments is very high to ensure that no color streaks will appear. The use of a pre-colored material eliminates the need for painting.

Ecomortar G can be applied manually or using suitable spray equipment.

For Building and Pointing: Use type G for joint sizes between 1/4" and 3/4". Joints above this size might require a coarser version of Ecomortar G.

Plasters and Renders: Use Type G for bonding, base and rough finishing coats. Surfaces should not be overworked with steel floats. Follow normal working practices in protection and curing (*see also General Guidelines: NHL Plasters and Plastering with NHL*).

Water Addition: Follow Ecomortar G Ready-Mix instructions. Slurry coats can be made adding more water if cast or sprayed on.

The versatility of the St. Astier limes will allow special versions of Ecomortar to be designed for applications such as sacrificial coatings, smooth plastering, and flooring. Please consult your St. Astier Distributor.

Ecomortar G offers the discerning builder extremely high vapour permeability ensuring that no moisture will be retained in the built structure. It also has a superior elasticity than cementitious products and greater natural workability. Ecomortar G can be worked for longer period than cementitious mixes and has the qualities of lime finishes, warm and aesthetically pleasing color tones, and effects similar to lime washes but far more durable.

The details in this document are given for information purposes only. Final dosages and application should be checked with our technicians. The Factory reserves the right to alter specifications