

# Ecomortar G - Ready-Mix

Premixed pure & natural hydraulic lime and sand mortars for building, pointing, repointing, plastering and finishing in a variety of colors

The absence of cement, ashes, gypsum and other pozzolanic additions together with its other qualities, make Ecomortar G highly suitable for repair and conservation work on traditional, vernacular and historic buildings. In new build the properties of Ecomortar G will allow joint free construction, dispersion of condensation and will accommodate small settlement movements.

## **Ecofriendly Characteristics:**

- High vapour exchange qualities
- Produced with lower energy than cementitious mixes
- Re-absorption of CO<sub>2</sub> in curing
- Will not deteriorate timber
- Possibility of recycling the materials used in building
- Elimination of painted finishes

## **Mechanical Characteristics**

		<i>Ecomortar G</i>
Dry bulk density	lbs/ft <sup>3</sup> (kg/m <sup>3</sup> )	84.3 (1350)
Compressive strength		
7 days	Psi (n/mm <sup>2</sup> )	174 (1.2)
28 days		275.5 (1.9)
90 days		522 (3.6)
Elasticity Moduli	Psi (Mpa)	725.000 (5000)
Vapour Permeability Gr. Air x m <sup>2</sup> x hour		0.85

**Granulometry:** G granulometry from #6 (3mm) to #23 (0.08mm) for masonry, pointing, dubbing out, first and main coats on renders and rough finishing coats.

**Packing:** 35 kg. (77 lbs.) and 25 kg. (55 lbs.) bags.

**Consumption:** (See - Ecomortar G - Consumption Chart)

**Preparation:** in ordinary drum mixers (mix for about 5 minutes)

## **Water Addition:**

EcoMortar G 1 gallon (4.0 litres) – 1.2 gallons (4.5 liters) per bag of 77 lbs. (35 kg)

## **Application:**

On clean and dry background not water proofed. Dampen adequately dry or high suction surfaces. Do not apply at temperatures below 40°F (5°C) or above 85°C (30°C). Protect against strong rain, frost, drying wind or direct strong sun until sufficient hardening has occurred.

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