

# Ecomortar G-S - 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-S highly suitable for repair and conservation work on traditional, vernacular and historic buildings. In new build the properties of Ecomortar G-S will allow 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-S</i>		
Dry bulk density	lbs/ft <sup>3</sup> (kg/m <sup>3</sup> )	86 (1377)
<i>Compressive Strength(EN-459)</i>		
7 days	Psi (N/mm <sup>2</sup> )	217 (1.5)
28 days	Psi (N/mm <sup>2</sup> )	319 (2.2)
90 days	Psi (N/mm <sup>2</sup> )	798 (5.5)
Elasticity Moduli	Psi (Mpa)	841.000 (5800)
Vapour Permeability	Gr. Air x m <sup>2</sup> x hour	0.80

**Granulometry:** G-S granulometry from #6 (3mm) to #23 (0.08mm) for masonry, pointing, dubbing out, and first or scratch coat of plasters.

**Packing:** 35 kg. (77 lbs.) bags

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

**Preparation:** Mix for about 5 minutes

## Water Addition:

EcoMortar G-S - 1 gallon (4.0 liters) – 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 rain, frost, wind or sun for several days 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.