

Lime Green: Coloured Cement Mortar

Lime Green Coloured Cement Mortars are dry-mixed lime, sand and cement mixes for masonry work. Available in a choice of different textures and colours, all that is required is the addition of clean water before mixing. Factory batching and quality control ensure a consistent high-quality range of mortars suitable for laying new bricks and blocks.

Colour, Texture and Strength

Available wide range of colours; please ask for our colour brochure or samples.

Available in a coarse **CG** texture for joints of around 10mm and wider

RG texture for joints of around 7mm and wider

SG texture for joints of around 5mm and wider

Available in a range of strengths

Class ii

Class iii

Class iv

Designation

Lime Green Class Mortars conform to EN 998-2 and are available in a range of standard mix designations. Further information on choosing the correct designation is available in Approved Documents and EN998-2 and EN 1996-1-1 Eurocode 6.

Mix Designation	Mix by Volume (cement: lime: sand)	Assumed Strength Class	Environmental conditions
ii	1:½:4½	M6	Severe
iii	1:1:6	M4	Moderate
iv	1:2:9	M2	Passive

Table 1: Data from BS998-2

Note that mortars made with these exact same ingredients can also frequently described as "HL5 Hydraulic Lime mortar", "Formulated Lime mortar", "lime and hydraulic binder" or just as "lime mortar". Our product is directly comparable to HL5 or formulated lime mortars. For conservation work, historic building repair and other projects requiring genuine cement-free lime mortars please contact us about our full range of products.

Consumption

One tonne of dry mortar will yield approximately 0.66m³ of mixed mortar, which normally lays around 1000 bricks or 600 blocks (445 x 225 x 100).

Packaging and Storage

Available in 1 tonne bulk bags, or 25kg sacks. Store in a dry place free from damp and drafts. Use within 6 months.

Handling and cleaning

Wear suitable PPE, including gloves, dust mask and goggles. Do not breath dust. Wash any dust or mixed materials off skin straight away with plenty of clean water. Wash tools with clean water.

Mixing

Mix in a drum mixer or by paddle mixer, avoid creating excessive dust. Carefully add the powder to clean water, using approximately 3.5 to 4.5 litres per 25 kilograms. Mix for between 2 and 5 minutes until a workable consistency is achieved. Do not re-work or use additives. Do not use in temperatures less than 3°C or over 30°C, or on overly-hot masonry.

Curing

Prevent from drying out too rapidly, covering with hessian or mortar fleece if necessary. Protect from frost, driving rain and strong sun.

General Guidance

This information is for general guidance only and is not a specification. Conduct trials before commencing work. For further information contact Lime Green Products Ltd.

Danger

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or a rash occurs get medical advice/attention. Take off contaminated clothing and wash before reuse. Avoid breathing dust/spray.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Dispose of contents/ container in accordance with local regulation



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Class ii BS-EN998-2	Class iii BS-EN998-2	Class iv BS-EN998-2
<p>Prescribed general purpose mortar for external use in elements subject to structural requirements</p>	<p>Prescribed general purpose mortar for external use in elements subject to structural requirements</p>	<p>Prescribed general purpose mortar for external use in elements subject to structural requirements</p>
<p>Proportion of Constituents (by volume) Cement 1 Lime ¼ Sand 4 ½</p>	<p>Proportion of Constituents (by volume) Cement 1 Lime 1 Sand 6</p>	<p>Proportion of Constituents (by volume) Cement 1 Lime 2 Sand 9</p>
<p>Content of Chlorides <0.10%</p>	<p>Content of Chlorides <0.10%</p>	<p>Content of Chlorides <0.10%</p>
<p>Reaction to Fire A1</p>	<p>Reaction to Fire A1</p>	<p>Reaction to Fire A1</p>
<p>Water Absorption 0.8kg/(m².min^{0.5})</p>	<p>Water Absorption 1.0/(m².min^{0.5})</p>	<p>Water Absorption 1.0kg/(m².min^{0.5})</p>
<p>Water Vapour Permeability 15/35</p>	<p>Water Vapour Permeability 15/35</p>	<p>Water Vapour Permeability 15/35</p>
<p>Thermal Conductivity 0.82W(m.K)</p>	<p>Thermal Conductivity 0.82W(m.K)</p>	<p>Thermal Conductivity 0.82W(m.K)</p>
<p>Durability As per provisions in the NA Eurocode 6</p>	<p>Durability As per provisions in the NA Eurocode 6</p>	<p>Durability As per provisions in the NA Eurocode 6</p>