



THE LIME CENTRE

The Lime Centre Ltd, Hazeley Road, Morestead, Winchester, Hampshire SO21 1LZ
Tel: 01962 713636 | info@thelimecentre.co.uk | www.thelimecentre.co.uk

Product Name: Construction Mortar

- A premixed coloured cement mortar for new 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.
- For cement free lime mortar for historic buildings please contact The Lime Centre.

Sand Grading

RG 0-2mm

CG 0-3mm

Strengths

Class i – 1:0.25 :3

Class ii – 1:0.5:4.5

Class iii – 1:1:6

Class iv – 1:2:9

Colour

Wide range of options– see Colour Chart
(Sample colour biscuits available)

Packaging

1 Tonne sealed bulk bags. Store in a cool dry place. Use within 6 months.

Yield/Coverage

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

Mixing/Water Addition

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 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.

Designation

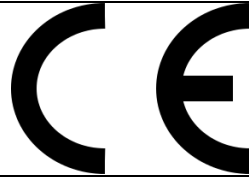
Mix Designation	Mix by volume	Assumed Strength class	Environmental Conditions
i	1 : ¼ : 3	M12	Severe
ii	1: ½: 4 ½	M6	Severe
iii	1:1:6	M4	Moderate
iv	1:2:9	M2	Passive

Construction 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



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Lime Green Products Ltd

Coates Kilns, Stretton Road, Much Wenlock, TF13 6DG
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Class i BS-EN998-2	Class ii BS-EN998-2	Class iii BS-EN998-2	Class iv BS-EN998-2
Prescribed general purpose mortar for external use in elements subject to structural requirements.	Prescribed general purpose mortar for external use in elements subject to structural requirements.	Prescribed general purpose mortar for external use in elements subject to structural requirements.	Prescribed general purpose mortar for external use in elements subject to structural requirements.
Proportion of Constituents (by volume) Cement 1 Lime 0.25 Sand 3	Proportion of Constituents (by volume) Cement 1 Lime 0.5 Sand 4.5	Proportion of Constituents (by volume) Cement 1 Lime 1 Sand 6	Proportion of Constituents (by volume) Cement 1 Lime 2 Sand 9
Content of Chlorides <0.10%	Content of Chlorides <0.10%	Content of Chlorides <0.10%	Content of Chlorides <0.10%
Reaction to Fire A1	Reaction to Fire A1	Reaction to Fire A1	Reaction to Fire A1
Water Absorption 0.8kg/(m ² .min ^{0.5})	Water Absorption 0.8kg/(m ² .min ^{0.5})	Water Absorption 0.10kg/(m ² .min ^{0.5})	Water Absorption 1.0kg/(m ² .min ^{0.5})
Water Vapour Permeability 15/35	Water Vapour Permeability 15/35	Water Vapour Permeability 15/35	Water Vapour Permeability 15/35
Thermal Conductivity 0.82W(m.K)	Thermal Conductivity 0.82W(m.K)	Thermal Conductivity 0.82W(m.K)	Thermal Conductivity 0.82W(m.K)
Durability As per provisions in the NA Eurocode 6	Durability As per provisions in the NA Eurocode 6	Durability As per provisions in the NA Eurocode 6	Durability As per provisions in the NA Eurocode 6



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Hazard Statements:

- Causes skin irritation.
- Causes serious eye damage.
- May cause respiratory irritation.

Precautionary Statements:

- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/ face protection.
- In case of contact with eyes, rinse carefully with clean water for several minutes. In relevant cases, take out contact lenses if possible. Seek professional assistance for a Doctor (Hospital).
- If in contact with skin wash abundantly with soap and water.
- Avoid breathing dust/spray.
- If inhaled remove person to fresh air and keep at rest in a position comfortable for breathing.
- Dispose of contents via conventional waste management facilities. Before disposal NHL lime should be made inert by wetting to induce hardening and bags should be completely emptied

Control Measures:

- Corrosive to brass and aluminium.
- Keep away from strong oxidising agents.
- Prevent alkaline run off from entering storm drains.