



TECHNICAL DATA SHEET

Special Mortar

RJ 2.07

Stone Repair Mortars:

Non-hydraulic mortars produced from mature Chalk lime putty mixed with stonedust and/or sand; the colour and texture matched to the stone to be repaired. The repaired stone is often then treated with a sheltercoat, itself colour-matched to the stone. Deep repairs are often treated with a coarse repair mortar prior to the application of the surface repair mortar.

Ash Mortars:

Ash mortars are a blend of mature Chalk Lime Putty and sieved coal ash designed to match Victorian ash pointing mortars.

Traditional mortars have ash inclusions present as kiln-fuel residue, and coal ash or charcoal particles are often added to repair mortars to match this.

Brick Repair Mortars:

Brick repair mortars are a blend of mature lime putty and sand and normally require the addition of pigments for an accurate colour match.

Environment:

Lime Putty mortar is an environmentally sustainable product

Availability:

25kg Heat-sealed bags and 15 litre tubs. Mixed to order

Shelf Life:

Unlimited. Matures and workability improves with age. Lime putty mortars stiffen during storage but can be plasticised by thorough re-mixing without additional water. Keep in original bags or tubs. Protect from frost.

Observations:

Conservators and tradesmen familiar with the Lime Method, and with experience of the successful use of lime putty mortars should be employed. Non-hydraulic limes do not perform as modern hydraulic lime or cement. Non-hydraulic lime sets by carbonation alone (the reaction with atmospheric carbon dioxide in the presence of moisture). This is a slow process and keeping moist by mist-spraying to promote carbonation, 'tending' to prevent shrinkage and protecting is crucial to success and long-term performance. Protections are essential. Do not use in excessive heat or if risk of frost.

**Health & Safety:**

See Health and Safety Data Sheet RJ 5.02.
CALCIUM HYDROXIDE Ca(OH)_2 Alkali (pH 13).
CAS No 1305-62-0. EINECS No 215-137-3.
Danger: H318. Causes Serious Eye Damage.
Warning: H315. Causes skin irritation

Technical Data:

RJ 2.03 - Use of Lime Putty Bedding + Pointing Mortars

Technical Advice:

From our Technical Department 01935 83676
info@roseofjericho.co.uk
All product + H & S data can be printed from our web site:
www.roseofjericho.co.uk

Disclaimer:

The information provided in this product data sheet and all technical advice is for guidance and is given in good faith but without warranty, since the site conditions and care and skill of application are beyond our control. We can accept no liability for the performance of our products, beyond the value of the material supplied. This does not affect your statutory rights.