

309 Lime putty plaster on brickwork

1. Description: Lime putty plaster
2. Substrate: Brickwork
 - 2.1. Preparation: Repair any defects with like-for-like materials and dub out any holes with Mike Wye Ltd Haired Lime Mortar.
Brush clean. Apply a 3mm stipple coat of Mike Wye Ltd Reabilitia Cal CS to provide a key.
Leave for 24 to 48 hours until 'green hard'.
Dub out uneven or out of plumb wall surfaces as clause 720.
3. Lime manufacturer: All products to be obtained from from Mike Wye Ltd, Buckland Filleigh Sawmills, Shebbear, Beaworthy, EX21 5RN
 - 3.1. Product reference/ Type: Various premixed lime putty plasters
4. Undercoats

- 4.1. Mix:

Scratch Coat

Apply a 12-15 mm scratch coat of Mike Wye Haired Lime Mortar. This will smooth the contours of the wall.

- 4.2. Application::

Level the surface and after the surface has firmed up, key in a crisscross pattern.
Leave for 5 to 7 days until 'green hard'

- 4.3. Float coat: Apply a 8-10 mm float coat of Mike Wye Unhaired Lime Mortar.

5. Application:: Before each coat, dampen the background with clean water to control suction.
Remix to fatten the plaster before application.

Level the surface and after the surface has firmed, leave the surface open and lightly keyed with a devil float.

Leave for 5-7 days until 'green hard'

6. Final coat

- 6.1. Mix:

Apply a 3mm coat of Mike Wye Heritage Lime Plaster, and when suitably dry, apply a 1mm coat of ultrafine Mike Wye Regency Lime Plaster

- 6.2. Application:: Before each coat, dampen the background with clean water to control suction.
Remix to fatten the plaster before application.
Lay on the Heritage Lime Plaster at approx. 3mm thick in two passes.
Allow each plaster to stiffen and polish with a flexible plastic trowel or steel trowel. If shrinkage cracks appear, lightly spray the plaster with water and trowel or sponge them out.

- 6.3. Finish: Smooth, as clause 777

7. Accessories: Do not use metal beads and stops.

8. Junction with wall finish to clause 220: Refer to clause 220 item 3.1, and refer to item 9.6 below

9. Other requirements:

1. During cold weather, refer to the temperature and protection requirements in clause 497.
2. Do not use heating.
3. In quick drying conditions mist spray during curing.
4. For crack control at junctions between dissimilar solid substrates where dissimilar solid substrate materials are in same plane and rigidly bonded or tied together, including embedded timber sections, refer to clause 646.
5. To reduce the possibility of cracking, bed 10mm alkali resistant fibreglass mesh roll into the scratch coat to all corners of windows, doors and openings.
6. To alleviate cracking at junctions with lime plaster on the inside face of external masonry walls (clause 220), the fibreglass mesh is to be left long by at least 500mm and is to be bedded into the scratch coat of the lime plaster.