

Atelier Mb Ltd

unknown

1997 Tootal EVs

General

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Contents

M20 Plastered/ rendered/ roughcast coatings1

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Plastered/ rendered/ roughcast coatings

Types of coating

110a Lime Render

1. Description: To external wall
2. Substrate: Existing masonry
 - 2.1. Preparation: Remove dust, surface contaminants and loose or friable existing render/plaster. Consolidate where necessary. Control suction using clean water
3. Undercoats
 - 3.1. Mix (cement:lime:sand): Lime Green Natural Stipple
 - 3.1.1. Thickness: 3-5mm in accordance with manufacturer recommendations.
4. Second Coat: Lime Green Natural Stipple is a breathable, premixed render
 - 4.1. Thickness: Max 15mm per coat to build up a level surface. Max. 3 no. coats.
5. Final coat
 - 5.1. Mix (cement:lime:sand): Lime Green Natural Finish
 - 5.1.1. Other requirements: Colour to match existing
 - 5.2. Thickness: 4-7mm
 - 5.3. Finish: Sponge - subject to site sample - to match existing surrounding render finish

General

413 Samples

1. General: Provide representative samples of the following: Provide representative samples of the following: Lime Green Natural Finish.

423 Uniformity

1. UNIFORMITY OF COLOUR AND TEXTURE
 - General: Maintain consistent colour and texture. Obtain materials from one source. -- Mix different loads if necessary.
- 2.
- 3.

Materials and marking of mortar

445 Pigment for coloured mortars

1. Standard: To BS EN 12878.

497 Cold weather

1. General: Do not use frozen materials or apply coatings on frozen or frost bound substrates.
2. External work: Avoid when air temperature is at or below 5°C and falling or below 3°C and rising. Maintain temperature of work above freezing until coatings have fully hardened.
3. Internal work: Take precautions to enable internal coating work to proceed without detriment when air temperature is below 3°C.

Preparing substrates

507 ACCEPTANCE OF BACKGROUNDS:

1. Before preparation or application of coatings ensure that:
 - Backgrounds are secure, adequately true and level to achieve specified tolerances, free from contamination and loose areas, reasonably dry and in a suitable condition to receive specified coatings
- 2.
- 3.

510 Suitability of substrates

1. General: Suitable to receive coatings/ backings.
2. Soundness: Free from loose areas and significant cracks and gaps.
3. Cutting, chasing, making good, fixing of conduits and services outlets and the like: Completed.
4. Tolerances: Permitting specified flatness/ regularity of finished coatings.
5. Cleanliness: Free from dirt, dust, efflorescence and mould, and other contaminants incompatible with coatings.

538a Stipple key Mix

1. Materials:
 - Lime Green Natural Stipple
 - Consistency: Thick slurry kept well stirred.
 - Application: Vigorously brushed on and stippled to form deep close textured key.
 - Curing: Controlled to achieve a firm bond to background.

541 Bonding agent application

1. General: Apply evenly to substrate to achieve effective bond of plaster/ render coat. Protect adjacent joinery and other surfaces.

Backings/ beads/ joints - Not Used

Mouldings/ decorative plasterwork - Not Used

Internal plastering

710 Application generally

1. Application of coatings: Firmly and in one continuous operation between angles and joints. Achieve good adhesion.
2. Appearance of finished surfaces: Even and consistent. Free from rippling, hollows, ridges, cracks and crazing.
 - 2.1. Accuracy: Finish to a true plane, to correct line and level, with angles and corners to a right angle unless specified otherwise, and with walls and reveals plumb and square.
3. Drying out: Prevent excessively rapid or localized drying out.

715 Flatness/ surface regularity

1. Sudden irregularities: Not permitted.
2. Deviation of plaster surface: Measure from underside of a straight edge placed anywhere on surface.
 - 2.1. Permissible deviation (maximum) for plaster not less than 13 mm thick: 3 mm in any consecutive length of 1800 mm.

718 Junction of new render with existing

1. **New plasterwork:** Finish flush with original face of existing render to form a seamless junction.

720 Dubbing out

1. **General:** Correct substrate inaccuracies.
2. **New smooth dense concrete and similar surfaces:** Dubbing out prohibited unless total plaster thickness is within range recommended by plaster manufacturer.
3. **Thickness of any one coat (maximum):** 10 mm.
4. **Mix:** As undercoat.
5. **Application:** Achieve firm bond. Allow each coat to set sufficiently before the next is applied. Cross scratch surface of each coat.

725 Undercoats generally

1. **General:** Rule to an even surface. Cross scratch to provide a key for the next coat.
2. **Undercoats on metal lathing:** Work well into interstices to obtain maximum key.
3. **Undercoats gauged with Portland cement:** Do not apply next coat until drying shrinkage is substantially complete.

External rendering

810 Application generally

1. **Application of coatings:** Firmly and in one continuous operation between angles and joints. Achieve good adhesion.
2. **Appearance of finished surfaces:** Even and consistent. Free from rippling, hollows, ridges, cracks and crazing.
 - 2.1. **Accuracy:** Finish to a true plane, to correct line and level, with angles and corners to a right angle unless specified otherwise, and with walls and reveals plumb and square.
3. **Drying:** Prevent excessively rapid or localized drying out.

820 Dubbing out rendering

1. **General:** Correct substrate inaccuracies.
2. **Thickness of any one coat (maximum):** 16 mm.
 - 2.1. **Total thickness (maximum):** 20 mm, otherwise obtain instructions.
3. **Mix:** As undercoat.
4. **Application:** Achieve firm bond. Allow each coat to set sufficiently before the next is applied. Comb surface of each coat.

840 Undercoats generally

1. **General:** Rule to an even surface. Comb to provide a key for the next coat. Do not penetrate the coat.
2. **Undercoats on metal lathing:** Work well into interstices to obtain maximum key.

856a FINAL COAT - SPONGE FINISH

1. Subject to site trials to achieve finish to match existing
- 2.
- 3.

880 Curing and drying

1. **General:** Prevent premature setting and uneven drying of each coat.
2. **Curing coatings:** Keep each coat damp by covering with polyethylene sheet and/ or spraying with water.
 - 2.1. **Curing period (minimum):** Comply with manufacturers recommendations.
 - 2.2. **Final coat:** Hang sheeting clear of the final coat.
3. **Drying:** Allow each coat to dry thoroughly, with drying shrinkage substantially complete before applying next coat.
4. **Protection:** Protect from frost and rain.

Ω End of Section



Specification created using NBS Chorus