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Types of slating

105 Roof slating

1. Description: Natural slate roof covering to pitched roof
2. Substrate: Trussed rafters at 450 mm centres
3. Pitch: 40°
4. Underlay: Contractor's choice
 - 4.1. Recycled content: None permitted 0% (minimum) to BS EN ISO 14021
 - 4.2. Direction: Parallel to eaves.
5. Battens
 - 5.1. Size: 50 x 25 mm
 - 5.2. Fixing: 65 x 3.35 mm galvanized round plain shank nails
6. Slates
 - 6.1. Supplier: Contractor's choice in accordance with clause 280
 - 6.1.1. Product reference: CUPA Natural Slate
 - 6.2. Type: Spanish blue-black
7. Fixing: Two nails each slate.
8. Accessories: None

Slating generally

210 Basic workmanship

1. General: Fix slating and accessories to make the whole sound and weathertight at earliest opportunity.
2. Setting out: To true lines and regular appearance, with neat fit at edges, junctions and features.
3. Fixings for slating accessories: As recommended by manufacturer.
4. Gutters and pipes: Keep free of debris. Clean out at completion.

220 Removing existing slating

1. General: Carefully remove slates, battens, underlay, etc. with minimum disturbance of adjacent retained slating.
2. Undamaged slates: Set aside for reuse by Contractor

255 Counterbattens on rigid sarking

1. Fixing: Through rigid sarking into rafters at not more than 300 mm centres.

265 Batten fixing

1. Setting out: Align parallel to ridge in straight horizontal lines to gauge of slates. Align on adjacent areas.
2. Batten length (minimum): Sufficient to span over three supports.
3. Joints in length: Square cut. Butt centrally on supports. Joints must not occur more than once in any group of four battens on one support.
4. Additional battens: Provide where unsupported laps in underlay occur between battens.
5. Fixing: Each batten to each support. Splay fix at joints in length.

275 Slate fixing

1. **Setting out:** Lay slates with an even overall appearance with slightly open (maximum 5 mm) butt joints. Align tails.
2. **Slate thickness:** Consistent in any one course. Lay with thicker end as tail.
3. **Ends of courses:** Use extra wide slates to maintain bond and to ensure that cut slates are as large as possible. Do not use slates less than 150 mm wide.
4. **Top course:** Head-nail short course to maintain gauge.
5. **Fixing:** Centre nail each slate twice through countersunk holes 20-25 mm from side edges.
 - 5.1. **Nail dimensions:** Determine in accordance with BS 5534 to suit site exposure, withdrawal resistance and slate supplier's recommendations.

280 Slates – performance specification

1. **Standards**
 - 1.1. **Product specification:** To BS EN 12326-1.
 - 1.2. **Methods of test:** To BS EN 12326-2.
2. **Slate type:** Normal
3. **Dimensional tolerances**
 - 3.1. **Deviations from declared length, width, edge straightness, rectangularity, and flatness** are not to exceed values specified in BS EN 12326-1, clause 5.12.
4. **Thickness**
 - 4.1. **Nominal thickness and individual thickness variation:** To BS EN 12326-1, clause 5.2.

Roof slating edges/ junctions/ features

305 Generally

1. **Fittings and accessories:** As recommended by slate supplier, do not improvise.
 - 1.1. **Exposed fittings and accessories:** To match slate colour and finish.
2. **Cut slates:** Cut only where necessary, to give straight, clean edges.
3. **Flashings:** Fix with or immediately after slating. Form neatly.

Vertical slating edges/ junctions - Not Used

Ω End of Section



Specification created using NBS Chorus