

**Q10 KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES**

To be read with Preliminaries/General conditions.

**TYPES OF KERBS/EDGINGS/CHANNELS**

- 110 PRECAST CONCRETE EDGINGS:
- Standard: To BS 7263-1.
  - Drawing Reference : 1431/W/103-106
  - Locations: Boundaries - Grass/Safety surface /Tarmac.
  - Manufacturer and reference: MARSHALLS or CAMAS.
  - Type/size: 50 x 150 EBN..
  - Finish/colour: Smooth grey.
  - Joints: Talled as clause 640.
  - Other requirements: Kerb bedded and haunched on 25mm class 1 mortar. Dowelled haunching at grass edge kerbs.
- 111 PRECAST CONCRETE KERB ALONG ROAD/PAVEMENT JUNCTION:
- Standard: To BS 7263-1.
  - Drawing Reference : 1431/W/103-106
  - Method of manufacture: Wet press process.
  - Manufacturer and reference: Contractors Choice.
  - Type/size: To match existing.
  - Special shapes: Dropped & Dropper kerbs required.
  - Finish/colour: To match existing.
  - Other requirements: Laid to adoptable standards.  
Make good existing tarmac road at junction.

**ROAD/PAVING ACCESSORIES/MARKING**

- 390 THERMOPLASTIC MARKING BETWEEN PARKING BAYS:
- Drawing reference(s):  
Colour: White.
  - Surfaces to receive markings must be clean and dry. Remove all loose material and apply paint uniformly with no streaks or ragged edges. Use thinners in accordance with paint manufacturer's instructions.

**LAYING**

- 510 LAYING GENERALLY:
- Cutting: Neat, accurate and without spalling. Form neat junctions.
  - Bedding: Position true to line and level along top and front faces, in a mortar bed on accurately cast foundations.
  - Securing: After bedding has set, secure with a continuous haunching of concrete.
- 530 CONCRETE FOR FOUNDATIONS AND HAUNCHING:
- Standards: To BS 5328.
  - Designated mix: Not less than the following:
    - GEN 0; or Standard mix ST1.
  - Workability: Very low.
- 540 MORTAR BEDDING:
- General: To section Z21.
  - Mix: (Portland cement: sand): 1.3.
    - Portland cement: Class 42.5 to BS 12.
    - Sand: Grade M or F to BS 882.

- Bed thickness: 10-40 mm.
- 560 HAUNCHING DOWELS
- Dowels: Steel bar to BS 4482.
  - Size: 12 mm diameter, 150 mm long.
  - Installation: While concrete is plastic, insert dowels vertically into foundation.
  - Centres: 450 mm.
  - Distance from back face of kerb: 50 mm.
  - Projection: 75 mm.
  - Haunching: Rectangular cross section, cast against formwork, fully enclosing and protecting dowels.
- 570 CHANNELS:
- Installation: Lay to an even gradient. Avoid ponding and backfall.
  - Lowest points of channels: 6 mm above drainage outlets.
- 620 ACCURACY:
- Deviations (maximum):
    - Level:  $\pm 6$  mm.
    - Horizontal and vertical alignment: 3 mm in 3 m.
- 640 TOOLED MORTAR JOINTS:
- Jointing: As laying proceeds, butter ends of units with bedding mortar. Completely fill joints. Tool to a neat flush profile.
  - Joint width: 6 mm.