

## **Q22A COATED MACADAM ROADS/ PAVINGS**

To be read with Preliminaries/ General conditions.

### **TYPES OF PAVING**

120A OMITTED

121A COATED MACADAM PAVING TO ROAD, PAVEMENT AND CAR PARK AREAS:

- Materials and workmanship to BS 4987.
- Surface treatment:
- Wearing course: Thickness 30 mm.  
Material: 30 Close Graded Bitumen Macadam with 10 nom aggregate.
- Basecourse: Thickness 120 mm.  
Material: Dense Bitumen Macadam with 40 non aggregate.
- Granular sub-base thickness 375mm.
- Capping Layer: 300mm GF Type 2.
- Excavated Surface: To be covered with Terram Geotextile membrane.
- Provide sample of wearing course and agree with CA prior to ordering.

130A OMITTED

174 PROPRIETARY SOFT PLAY SURFACE: See 1431/W-104 and 105

- Granular sub-base: As section Q20 clause 210 on 1000g Terram Geotextile.  
Thickness TBC mm.
- Lay and compact roadbase/basecourse materials to BS 4987:Part 2.
- Manufacturer and Reference: Easi Fall ( Tel 0044 161 9730304).  
Thickness 80mm to suit critical fall height 1.61-2 meters.
- Colours/pattern: Colours TBC.
- Wearing Index: not greater than 1.0.  
Wear Ratio: between 1 and 3.  
Slip Resistance: above 40.

Resistance to Indentation: not greater than 3mm after 15 minutes.

Low radius ignition.

Install PCC edgings bedded, haunched and back filled as necessary with grade C75P concrete to the perimeter.

Infill excavation with 50mm No Fines Concrete(15-20mm limestone chippings mixed with neat cement and water to a ratio of 8:1 or 50kg of OPC to 400kg of stone chippings). Mix should be sceeded and rolled to give a level base with a +/- tolerance of 5-7mm over 3m.

75mm safe surface-porous insitu bound rubber crumb-Wet Pour. Material mixed laid and cured fully in accordance with manufacturers instruction and shall be continuous.

Laid to comply with BS 5696 Part 3 and finished in the chosen colour. The top finish will be 15mm in varying pattern colour in Vigin EPDM. At main routes from doorways provide 25-30mm of colour through EPDM-System to comply with BS 7188.

### **LAYING**

310 LAYING GENERALLY:

- Remove all loose material, foreign matter and standing water from surfaces to receive paving materials.
- Form neat junctions with and prevent damage to adjacent work. Keep clean all channels, kerbs, inspection covers etc.
- Keep new paving free from traffic until it has cooled to prevailing atmospheric temperature. Do not allow rollers to stand on paving at any time.
- Do not use pavings as a building platform or for storing, mixing or preparing materials.

- Lines and levels of finished surface to be smooth and even, with regular falls to prevent ponding.
  - Finished surface of paving to have an even overall texture. Leave in a clean state on completion.
- 330 LEVELS of finished surface to be within +/- 6 mm of required levels (+6 mm –0 mm adjacent to gullies and manholes).
- 351 CONTRACTOR'S USE OF PAVEMENTS:
- Defer laying of final surfacing until as late as practicable in the contract.
  - Immediately before laying final surfacing, thoroughly clean and make good the roadbase/basecourse, allow to dry and uniformly apply, without puddles, a tack coat of sprayed bitumen emulsion of a suitable grade to BS 434: Part 1 at 0.3 to 0.5 litres/sq m. Allow emulsion to break completely before applying surfacing.