

**Project No.** 150457

**Client:** Council of the Isles of Scilly

**Tender Issue** 10/11/2017

**STRIDE TREGLOWN**  
ARCHITECTURE

## **Carn Gwavel School**

**10 November 2017**

**This document includes:**

Code	Section	Revision	Dated
Q22	Asphalt roads/ pavings		

## **Q22 Asphalt roads/ pavings**

To be read with Preliminaries/ General conditions.

### **TYPES OF PAVING**

#### **127A HIGH PERFORMANCE COLOURED ASPHALT**

- Manufacturer: Tarmac.
  - Web: [www.tarmac.com](http://www.tarmac.com).
  - Email: [enquiries@tarmac.com](mailto:enquiries@tarmac.com).
  - Tel: +44 (0)800 1218218.
  - Address: Portland House, Bickenhill Lane, Solihull, Birmingham, West Midlands . B37 7BQ.
  - Product reference: Ulticolour
- Type: Ulticolour Porous 6 mm.
- Colour/ Finish: Black.

### **PREPARATORY WORK/ REQUIREMENTS**

#### **220 BITUMINOUS MATERIALS GENERALLY**

- Suppliers names: Submit.
  - Timing (minimum): Two weeks before starting work.
- Test certificates: At the time of delivery for each manufacturing batch submit certificate:
  - Confirming compliance with this specification and the relevant standard.
  - Stating full details of composition of mix.

#### **230 SAMPLES**

- Submit: Representative samples of coated chippings.

#### **240 ACCEPTANCE OF SURFACES**

- Surface: Sound, clean and suitably close textured.
- Level tolerances: To BS 594987.
- Kerbs and edgings: Complete, adequately bedded and haunched and to the required levels.

#### **250 ABUTMENTS**

- Vertical edges of manholes, gullies, kerbs and other abutments: Clean and paint with a thin uniform coating of cold applied thixotropic bitumen emulsion.
- Finishing: Tamp surface around projections.
  - Level: Flush or not more than 3 mm above projections.

## **LAYING**

### **310 LAYING GENERALLY**

- Preparation: Remove all loose material, rubbish and standing water.
- Adjacent work: Form neat junctions. Do not damage.
- Channels, kerbs, inspection covers etc: Keep clean.
- New paving:
  - Keep traffic free until it has cooled to prevailing atmospheric temperature.
  - Do not allow rollers to stand at any time.
  - Prevent damage.
  - Lines and levels: With regular falls to prevent ponding.
  - Overall texture: Smooth, even and free from dragging, tearing or segregation.
  - State on completion: Clean.

### **320 ADVERSE WEATHER**

- Frozen materials: Do not use.
- Suspend laying:
  - During freezing conditions
  - If the air temperature reaches 0°C, or in calm dry conditions -3°C, on a falling thermometer.
  - Hot rolled asphalt: During periods of continuous or heavy rain or if there is standing water on the base.

### **330 LEVELS**

- Permissible deviation from the required levels, falls and cambers (maximum): In accordance with BS 594987, clause 5.2.

### **340 FLATNESS/ SURFACE REGULARITY**

- Deviation of surface: Where appropriate in relation to the geometry of the surface, the variation in gap under a 3 m straightedge placed anywhere on the surface to be not more than:
  - Base: Hand laid, 25 mm and Machine laid, 25 mm.
  - Binder course: Hand laid, 13 mm and Machine laid, 13 mm.
  - Surface course: Hand laid, 10 mm and Machine laid, 7 mm.
  - Where a straightedge cannot be used the surface must be of a comparable standard of accuracy when judged by eye.

### **350 CONTRACTOR'S USE OF PAVEMENTS**

- Before use:
  - Timing: allow newly laid sections to cool before trafficking.
  - Open-grained surface: Fill with 0/4 mm size coated grit. Remove surplus.
  - Finish: Uncoated chipping and binder surface treatment.
- Preparation for final surfacing:
  - Timing: Defer laying until as late as practicable.
  - Immediately before laying final surfacing: Clean and make good the base/ binder course. Allow to dry.
  - Adhesion: Submit proposals.  
Application rate: As manufacturer's recommendation.  
Accuracy: Uniform, without puddles.
  - Finishing: Allow emulsion to break completely before applying surface.

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**COMPLETION**

**390 DOCUMENTATION**

- Standard: BS EN 13108-1.
  - Declaration of conformity: Submit.
- Number of copies: TBA.
- Submission: Two weeks prior to date when Contractor expects work to be complete.

**395 SLIP RESISTANCE TESTING**

- Surfaces to be tested: Butmac surface.
  - Surface condition: Dry and wet.
- Timing: As agreed with contract administrator.
- Period of notice (minimum): 3 working days.
- Test standard: To BS 7976-2.
  - Testing authority: A UKAS accredited laboratory.
  - Witnessing/ Certification: Arrange for tests to be witnessed/ certified by: Project manager.
- Report: Submit.  
Format: As required under BS 7976.