

Pre-Cast Concrete Flags - Dimensions

Lab Test Reference 307
British Standard Reference
BS 7263 : 1990 Appendix A

Principal Apparatus

Measuring Tape - Lab Inventory No.xxx (BS4372/4484)
Vernier Calliper - Lab Inventory No. xxx (No. BS specified)

1. Preliminaries

- 1.1 A flat clear area of bench in the concrete laboratory is allotted for this test.
- 1.2 Check that the measuring tape is in good condition and that there is no end damage.
- 1.3 Check that the sample number and test schedule correspond and select the test worksheet 335 in the concrete laboratory.

2. Standard Test Method

Length and Width

- 2.1 Each of the three samples is placed on a horizontal work surface and the measuring tape placed in turn at any position across the wearing surface. Each measurement is recorded to the nearest 1mm. The results are compared with the specific maximum and minimum limits of manufacturing size stated in Table 3 of the British Standard.

Thickness

- 2.2 The thickness of each of the sample flags is measured by using a calliper gauge having jaws which are capable of measuring 30mm into the flag from the edge. Four measurements are taken around the four edges at positions within 100mm from the corners. The four measurements obtained from each flags are averaged and expressed to the nearest 1mm.

Squareness of Plan

- 2.3 Two diagonals are measured on each flag from corner to corner and expressed to the nearest 1mm.