

Pre-Cast Concrete Kerbs, Channels, Edgings and Quadrants - Dimensions

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

Principal Apparatus

Measuring Tape - Lab Invent No. xxx (BS4372/4484)
Vernier Calliper - Lab Invent No. xxx (No. BS Specified)

1. Preliminaries

- 1.1 The test is carried out in the concrete laboratory and a clear, flat area is used to carry out the test. The following checks are made before testing proceeds.
- 1.2 Check that the measuring tape is in good condition, that there is no end damage.
- 1.3 Check that the sample number and test schedule correspond and select test worksheet 335.
- 1.4 Care should be taken to remove fins or localised protrusions before measurements are taken.

2. Standard Test Method

Length

- 2.1 Each of the three samples is placed on a horizontal work surface and the measuring tape placed within 25mm of the four extreme corners of the profile. For each sample four measurements are taken of length on each space making a total of 12 measurements for the set. Each measurement is recorded to the nearest 1mm.
- 2.2 The average of the 12 measurements is calculated and expressed to the nearest 1mm.

Width and Height

- 2.3 The width and height of the sample is measured at both ends of the unit.
- 2.4 For the width the tape is placed at two positions, at the top and bottom of parallel faces and measurements taken. Four are taken for each unit making a total of 12 for the set. Measurements are expressed to the nearest 1mm.
- 2.5 For the height one measurement is taken on each end, one on the face and one on the back making a total of 2 per unit and 6 overall.
- 2.6 The average height and width is expressed to the nearest 1mm.