

Clay and calcium silicate pavers for flexible pavements —

Part 1: Specification for pavers

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- Association of London Borough Engineers and Surveyors
- Brick Development Association
- British Ceramic Research Association
- Calcium Silicate Brick Association Ltd.
- County Surveyors' Society
- Department of the Environment, Department of Transport (Common Services)
- Department of Transport (Highways)
- Greater London Council
- Institution of Highways and Transportation
- National Federation of Clay Industries Ltd.
- North of Ireland Brickmakers' Association

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Foreword

This Part of BS 6677 has been prepared under the direction of the Clay Products Standards Committee. It is a specification for clay and calcium silicate pavers for use in flexible pavements. BS 6677-2 and BS 6677-3, published simultaneously, are, respectively, a code of practice for the design, and a method for the construction of flexible pavements incorporating the pavers.

Traditionally, in the UK, clay and calcium silicate pavers have been bedded on mortar and jointed with mortar. However, on the Continent, flexible pavements consisting of a wearing surface of close-butting units, a bedding course of sharp sand and a granular sub-base have been used extensively for many years.

Research and laying trials have now enabled this system to be adopted in the UK.

A research programme to develop a freeze-thaw test for pavers is currently being considered. Until such a test has been devised, it is essential to select the right pavers for a given application, following the recommendations in BS 6677-2.

Research is also in progress to devise an accelerated polishing test to measure skid resistance. It is intended to publish a Draft for Development to allow use of this test for a trial period before incorporating it in the standard. In the meantime, the test described in appendix E provides an acceptable slip resistance criterion for pedestrian traffic and rules out very smooth pavers for use with vehicular traffic.

At present a wide range of sizes of pavers is available and it is not possible to determine which sizes will find most favour with users. However, it is hoped to adopt certain sizes as standard sizes in a future edition of this British Standard.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.