

Purbeck Limestone Certificate of Test Determination of Skid Resistance

Certificate NO: T5528/14367

Batch No: 604293

Sampled By/Date: Client/not advised

Tested by: Stats Laboratory Services, *Potterswood House, Potters Wood, St Albans, Hertfordshire, AL3 6PQ*

Ref: JI/BJH

Methods of test

The samples were tested to determine their resistance to skidding using the portable TRRL skid resistance test apparatus following methods given in BS 6677:1986 Clay and Calcium Silicate Pavers for Flexible Pavements, Part1: Specification for pavers, Appendix E: Determination of Skid Resistance Value, the test surfaces being wetted prior to testing.

Stone name: finish Values determined A B

Mean value GLC Rating (see below)

New Vein: Riven 86,85,86,87,87 83,86,85,84,83 85	Excellent
Wetson: Sawn 76,75,74,73,74 79,76,78,78,78 76	Excellent
Thornback: Sawn 72,71,73,72,72 69,72,72,72,71 72	Satisfactory
Grub: Sawn 71,70,69,69,69 71,70,70,70,70 70	Satisfactory
Grub: Sanded 41,38,39,39,40 43,42,42,42,42 41	Satisfactory
Cap: Sawn 73,74,74,75,73 71,70,72,71,71 72	Satisfactory
Cap: Sanded 37,38,38,38,38 38,38,38,38,38 38	Marginal

Remarks

Currently there are no minimum limits for skidding resistance, higher values indicating higher skidding resistance. The former greater London Council produced a report on Pedestrian Safety which came up with the classification given below. For comparative purposes a range of stone types and their performance is also given.

GLC Bulletin 43, item 5, March 1971

Typical Stone Performance Values

Less than or equal to 19	Dangerous	Marble (polished) 20 to 25
20 to 39	Marginal	Concrete Paving Slabs 60 to 70
40 to 74	Satisfactory	Flame-Finished Granites 55 to 65
Greater than or equal to 75	Excellent	York Stone Flags 75 to 85

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