



Sample Number: **Z45596/1**

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Client: Consorzio Cavatori Produttori Porfido

Lab. Scheme Number: 10991

Site ref: n/a

Product for test: **PORPHYRY**

Source Consorzio Cavatori Produttori Porfido

Date Received: 15-Dec-08

Date Prepared 16-23/12/08

Date tested: 23-Dec-08

Measurement of flexural strength - BS EN 12372:1999

Dimensions of test specimens

	1	2	3	4	5	6	7	8	9	10
Length mm	300	298	300	300	299	300	300	299	300	300
Breadth mm	101.0	100.8	100.1	100.0	99.2	100.5	100.6	100.1	99.8	99.8
Height mm	48.9	48.7	48.4	48.8	49.3	49.5	48.4	48.4	49.4	49.4
Distance between rollers	250.0		mm							
Loading Rate MPa/s	0.25									
Breaking Force, N	14035	15242	15161	16685	14428	15866	15303	15927	19091	18017
Distance of fracture from centre (mm)	3.0	4.0	3.0	6.0	3.5	11.0	7.0	6.5	1.0	5.0
Flexural Strength (Mpa)	26.2	28.5	29.1	31.6	26.8	29.0	29.2	30.5	35.3	33.3
Mean Flexural Strength			28.5	MPa						
Standard Deviation			2.8	MPa						

Remarks

The results relate only to samples tested
Specimens had a sawn finish
No existing planes of anisotropy were determined

END of REPORT

Distribution:

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