

SUMMARY OF THE TEST REPORT

Mechanical and physical properties

Certificate 1C₂₂/09

Standard	Test	Producer
		Stone
		Kymen Granite Oy
		Haapala Red (Granite)
EN 13755	Water absorption (%), average Standard deviation (%)	0,17 0,017
EN 1936	Apparent density (kg/m ³), average Density between ...-... (kg/m ³) Standard deviation (kg/m ³)	2620 2620-2630 5,16
EN 1936	Open porosity (%), average Standard deviation (%)	0,4 0,023
EN 12372	Flexural strength (MPa), average Standard deviation (MPa) Lower expected value (MPa)	15,4 0,5 13,7
EN 12371	Flexural strength after frost cycles (MPa), average Change in flexural strength after 48 cycles (%) Standard deviation (MPa) Lower expected value (MPa)	16,9 +9,7 0,7 15,9
EN 1926	Compressive strength (MPa), average Standard deviation (MPa) Lower expected value (MPa)	160 33,3 158
EN 12371	Compressive strength after frost cycles (MPa), average Standard deviation (MPa) Lower expected value (MPa)	71 38,2 63
EN 14231 and CE reference standards	Slip resistance (dry, honed surface) Slip resistance (wet, honed surface)	55,35 43,23
EN 14157 and CE reference standards	Abrasion resistance (mm), average	16
EN 13364	Braking load at the dowel hole (N) Standard deviation (N) d ₁ (mm) Average distance from the hole to the face b _A (mm) Distance of the centre of the hole to the fractures edge	2350 300 9,7 37,7

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