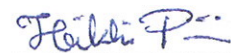


**SUMMARY OF THE TEST REPORT**

**Mechanical and physical properties**

Certificate 2C<sub>22</sub>/09

Standard	Test	Producer
		Stone
		<b>Kymen Granite Oy</b>
		<b>Kymi Brown (Granite)</b>
EN 13755	Water absorption (%), average Standard deviation (%)	0,18 0,013
EN 1936	Apparent density (kg/m <sup>3</sup> ), average Density between ...-... (kg/m <sup>3</sup> ) Standard deviation (kg/m <sup>3</sup> )	2620 2610-2630 8,16
EN 1936	Open porosity (%), average Standard deviation (%)	0,4 0,021
EN 12372	Flexural strength (MPa), average Standard deviation (MPa) Lower expected value (MPa)	9,6 1,4 9,3
EN 12371	Flexural strength after frost cycles (MPa), average Change in flexural strength after 48 cycles (%) Standard deviation (MPa) Lower expected value (MPa)	8,3 -15,7 1,1 5,8
EN 1926	Compressive strength (MPa), average Standard deviation (MPa) Lower expected value (MPa)	163 17,7 162,7
EN 12371	Compressive strength after frost cycles (MPa), average Standard deviation (MPa) Lower expected value (MPa)	124 31,5 120,2
EN 14157 and CE reference standards	Abrasion resistance (mm), average	16
EN 13364	Braking load at the dowel hole (N) Standard deviation (N) d <sub>1</sub> (mm) Average distance from the hole to the face b <sub>A</sub> (mm) Distance of the centre of the hole to the fractures edge	2300 450 10,9 43,7



Heikki Pirinen  
Laboratory manager