

**STONE POLE
LABORATORIO**

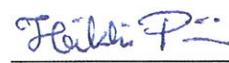
Stone Pole Oy
Kuhnustantie 10
Fin – 83900 Juuka
FINLAND

SUMMARY OF THE TEST REPORT

Mechanical and physical properties

Certificate 2C₂₂/09

| Standard | Test | Producer Stone | Kymen Granite Oy Kymi Brown (Granite) |
|--|--|-----------------------------|---|
| EN 13755 | Water absorption (%), average Standard deviation (%) | 0,18 0,013 | |
| EN 1936 | Apparent density (kg/m ³), average Density between ...-... (kg/m ³) Standard deviation (kg/m ³) | 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 ₁ (mm) Average distance from the hole to the face b _A (mm) Distance of the centre of the hole to the fractures edge | 2300 450 10,9 43,7 | |


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