

BALTIC GREY LIMESTONE PHYSICAL TESTING REPORT

1. Material: Baltic Grey Limestone
2. Source: Jõelähtme Quarry, Estonia
3. Producer: Ekland Stone OÜ
4. Surface Finish: Honed

PHYSICAL CHARACTERISTICS

	PROPERTIES	TEST METHOD IN ACCORDANCE WITH	BALTIC GREY
1	Flexural Strength	EN 12372	17.4
2	Breaking load at dowel hole, N	EN 13364	2000
3	Water absorption at atmospheric pressure, %	EN 13755	0.9
4	Water absorption by capillarity, g/m ² s ^{0,5}	EN 1925	1.654
5	Apparent density kg/m ³	EN 1936	2650
6	Open porosity, %	EN 1936	2.6
7	Frost resistance, cycles	EN 12371	48
8	Thermal shock resistance (change of mass) %	EN 14066	0.04
9	Water vapour permeability, (dry/wet)	EN 12524 or EN ISO 12572	255/203
10	Abrasion resistance, mm	EN 14157	19.5
11	Slip resistance dry/wet	EN 14231	55.7/35.6
12	Pressure strength/resistance	EN 1926:1999	101

Stone Pole Laboratorio Oy - Certificate Number 3C 14/06

VTT Technical Research Centre of Finland

