

ÅLAND BLUE-BEIGE LIMESTONE PHYSICAL TESTING REPORT

1. Material: Åland Blue-Beige Limestone
2. Source: Märjamaa Quarry, Estonia
3. Producer: Ekland Stone OÜ
4. Surface Finish: Honed

PHYSICAL CHARACTERISTICS

	PROPERTIES	TEST METHOD IN ACCORDANCE WITH	ÅLAND BLUE-BEIGE
1	Flexural Strength	EN 12372	16.3
2	Breaking load at dowel hole, N	EN 13364	2000
3	Water absorption at atmospheric pressure, %	EN 13755	4.8
4	Water absorption by capillarity, g/m ² s ^{0,5}	EN 1925	16,561
5	Apparent density kg/m ³	EN 1936	2390
6	Open porosity, %	EN 1936	15.7
7	Frost resistance, cycles	EN 12371	48
8	Thermal shock resistance (change of mass) %	EN 14066	0.08
9	Water vapour permeability, (dry/wet)	EN 12524 or ENISO 12572	210/170
10	Abrasion resistance, mm	EN 14157	24.5
11	Slip resistance dry/wet	EN 14231	61.5/51.2
12	Pressure strength/resistance	EN 1926:1999	65

Stone Pole Laboratorio Oy - Certificate Number 2C 14/06
VTT Technical Research Centre of Finland

