Physical-mechanical properties of the stone:

		MEAN VALUE	
Compressive strength (HRN B.B8.012)			
a) Dry	St max.	140.3	MPa
	St min.	107.2	MPa
	St mean	119.9	MPa
b) Water-saturated	St max.	162.9	MPa
	St min.	91.7	MPa
	St mean	106.2	MPa
c) After freezing	St max.	108.8	MPa
	St min.	87.8	MPa
	St mean	96.9	MPa
Flexural strength (HRN B.B8.017)	St max.	11.6	MPa
	St min.	5.1	MPa
	St mean	8.1	MPa

Resistance to wear by scraping acc. to Boehm (HRM B.B8.015)	As	15.4 loss	$cm^3/50cm^2$
Velocity of longitudinal waves (HRN B.B8.121)		5909	m/s
Water absorption (HRM B.B8.010)*	U	0.212	mass %
Apparent density (HRM B.B8.032)*	r_m	2.654	t/m^3
Real density (HRM B.B8.032)*	r_g	2.710	t/m^3
Level of density (HRM B.B8.032)*	r_m/r_g	0.979	
Porosity (HRN B.B8.032)*	$(1-r_m/r_g)x100$	2.070	vol.%
Resistance to freezing (HRN B.B8.001)	No. of cycles: 25	resistant	
Resistance to Na_2SO_4 crystallization (HRN B.B8.002)*	No. of cycles: 5	0.090 loss	mass %

After 5 cycles of treatment, there were no changes in appearance and the mass loss was insignificant – the stone is resistant.