



Ice Green – Granodiorite /Trondhjemite

TECHNICAL PROPERTIES	TEST SURFACE	STANDARD	UNIT	MEAN	ST.DEV	MAX./MIN. EXPECTED VALUE
Apparent density	Sawn	NS-EN 1936	kg/m ³	2656 ±	3	
Open porosity	Sawn	NS-EN 1936	%	0,81 ±	0,01	
Water absorption	Sawn	NS-EN 13755	% weight	0,3 ±	0	0,3
Slip resistance	Sawn	NS-EN 14231	SRV, dry	75 ±	3	68
			SRV, wet	38 ±	3	32
Abrasion resistance - Capon	Sawn	NS-EN 14157 (A)	mm	17,0 ±	0,8	18,5
Sound velocity	Sawn	NS-EN 14579	m/s	3593,8 ±	64,2	3460,3
Compressive strength	Sawn	NS-EN 1926	MPa	224,8 ±	23,2	177,5
Flexural strength	Sawn	NS-EN 12372	MPa	11,8 ±	0,7	10,4
Flexural strength after 56 freeze-/thaw cycles	Sawn	NS-EN 12371	MPa	10,6 ±	0,5	9,6
Flexural strength after 20 thermal shock cycles	Sawn	NS-EN 14066	MPa	10,8 ±	0,5	9,9
Frost resistance	Sawn	NS-EN 12371				
Weight change	Sawn	NS-EN 12371	%	0 ±		
Reduction in flexural strength	Sawn	NS-EN 12371	%	-10,2		
Visual inspection	Sawn	NS-EN 12371	Score 0-5	0 – No Changes		
Resistance to ageing by thermal shock	Sawn	NS-EN 14066				
Weight change	Sawn	NS-EN 14066	%	0 ±		
Reduction in flexural strength	Sawn	NS-EN 14066	%	-8,5		
Visual inspection	Sawn	NS-EN 14066	Score 0-5	0-1 A few rust spots		
Petrographic composition¹⁾		NS-EN 12407				
Quartz			%	18		
Feldspar			%	69		
Biotite			%	2		
Muscovite			%	7		
Epidote			%	4		

¹⁾Only main minerals are listed

Tested at SINTEF 2022.

The Client has been responsible for the sampling.

The test results are valid exclusively for the tested objects.