1.1 Summary of test results

Silver White – Tonalite/Trondhjemite

TECHNICAL PROPERTIES	TEST SURFACE	STANDARD	UNIT	MEAN		ST.DEV	MAX./MIN. EXPECTED VALUE
Apparent density	Sawn	NS-EN 1936	kg/m³	**2685**	±	14	
Open porosity	Sawn	NS-EN 1936	%	**0,76**	±	0,02	
Water absorption	Sawn	NS-EN 13755	% weight	**0,3**	±	0	0,3
Slip resistance	Sawn	NS-EN 14231	SRV, dry	**75**	±	3	67
			SRV, wet	**38**	±	3	32
Abrasion resistance - Capon	Sawn	NS-EN 14157 (A)	mm	**17,0**	±	0,4	18,0
Sound velocity	Sawn	NS-EN 14579	m/s	**3668,5**	±	151,3	3368,9
Compressive strength	Sawn	NS-EN 1926	MPa	**268,2**	±	18,7	229,5
Flexural strength	Sawn	NS-EN 12372	MPa	**16,2**	±	0,4	15,3
Flexural strength after 56 freeze-/thaw cycles	Sawn	NS-EN 12371	MPa	**14,7**	±	0,8	13,2
Flexural strength after 20 thermal shock cycles	Sawn	NS-EN 14066	MPa	**14,6**	±	0,5	13,5
Frost resistance	Sawn	**NS-EN 12371**					
Weight change	Sawn	NS-EN 12371	%	**-0,01**	±	0,00	
Reduction in flexural strength	Sawn	NS-EN 12371	%	**-9,3**			
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	%	**-0,01**	±		
Reduction in flexural strength	Sawn	NS-EN 14066	%	**-9,9**			
Visual inspection	Sawn	NS-EN 14066	Score 0-5	**0 – No changes**			
Petrographic composition[1)]		**NS-EN 12407**					
Quartz			%	**20**			
Feldspar			%	**60**			
Biotite			%	**4**			
Muscovite			%	**4**			
Epidote			%	**2**			

[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.