



Test results

Product:	Slabs and tiles of natural stone for floors and stairs
Commercial name:	Bianco Onyx
Origin:	Eskisehir, Turkey
End use:	Internal & External floor finishing
Producer:	Ionic Stone Mad. San. ve Tic. Ltd. Sti.

Analysis	TS EN		
	analysis	Value	unit
Compressive strength	EN 1926	70	MPa
Water absorption at atmospheric pressure	EN 13755	0.4	%
Water absorption coefficient by capillarity	EN 1925	0.5	g/(m ² × s ^{0.5})
Abrasion resistance	EN 14157	23.7	mm
Slip resistance pendulum tester (raw dry)	EN 14231	33.6	SRV
Slip resistance pendulum tester (raw wet)	EN 14231	11.1	SRV
Real density	EN 1936	2795	g/cm ³
Apparent density	EN 1936	2632	kg/m ³
Open porosity	EN 1936	1.0	%
Total porosity	EN 1936	5.8	%
Determination of frost resistance	EN 12371	9.2	MPa
Flexural strength under concentrated load	EN 12372	9.2	MPa
Flexural strength under constant moment	EN 13161	8.8	MPa

The test was conducted by DAL on 13/12/2021
A. Celil Kilinc
Managing Director