



Test results

Product:	Slabs and tiles of natural stone for floors and stairs
Commercial name:	Lilia
Origin:	Burdur, 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	155	MPa
Water absorption at atmospheric pressure	EN 13755	0.30	%
Water absorption coefficient by capillarity	EN 1925	0.33	g/(m ² × s ^{0.5})
Abrasion resistance	EN 14157	18	mm
Slip resistance pendulum tester (raw dry)	EN 14231	66.7	SRV
Slip resistance pendulum tester (raw wet)	EN 14231	54.4	SRV
Slip resistance pendulum tester (sandbrushed-dry)	EN 14231	39	SRV
Slip resistance pendulum tester (sandbrushed-wet)	EN 14231	33	SRV
Real density	EN 1936	2.73	g/cm ³
Apparent density	EN 1936	2680	kg/m ³
Open porosity	EN 1936	0.8	%
Total porosity	EN 1936	1.9	%
Flexural strength under concentrated load	EN 12372	12.14	MPa
Flexural strength under constant moment	EN 13161	13.52	MPa
Resistance to ageing by thermal shock	EN 14066	0.02	%

The test was conducted by MTA on 21/10/2014.
A. Celil Kilinc
Managing Director