



Test results

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| Product: | Slabs and tiles of natural stone for floors and stairs |
| Commercial name: | Mugla White |
| Origin: | Mugla, 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 | 49 | MPa |
| Water absorption at atmospheric pressure | EN 13755 | 0.081 | % |
| Water absorption coefficient by capillarity | EN 1925 | 1.11 | g/(m ² x s ^{0.5}) |
| Abrasion resistance | EN 14157 | 13.16 | mm |
| Slip resistance by means of pendulum tester (dry) | EN 14231 | 33.8 | SRV |
| Slip resistance by means of pendulum tester (wet) | EN 14231 | 9.1 | SRV |
| Real density | EN 1936 | 2.73 | g/cm ³ |
| Apparent density | EN 1936 | 2715 | kg/m ³ |
| Open porosity | EN 1936 | 0.22 | % |
| Total porosity | EN 1936 | 0.53 | % |
| Flexural strength under concentrated load | EN 12372 | 10.1 | MPa |
| Flexural strength under constant moment | EN 13161 | 8.7 | MPa |
| Resistance to ageing by thermal shock | EN 14066 | 0.006 | % |