



LAVA ROCK #02010108-0010

**Detail view shown*
SPECIFICATIONS

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|---------------------|---------------------|
| Collection: | Siena |
| Price Grade: | Cornerstone I |
| Finish: | polished or honed |
| Thickness: | 1.5/2/3cm |
| Application: | indoors |
| Composition: | ≤ 90% quartz, resin |



| PERFORMANCE TEST | METHOD | RESULT |
|---|------------------------------------|---|
| Abrasion resistance | ASTM C1353/C1353M-20 ⁰¹ | 104.38 |
| Breaking strength | ASTM C648-20 | 15206N |
| Absorption and bulk specific gravity | ASTM C97/C97M-18 | Absorption: 0.02% Density: 2367kg/m ³ |
| Thermal shock resistance of glazed ceramic tile | Refer to ASTM C484-20 | No visible defects |
| Resistance to chemical substances | ASTM C650-20 | Not affected |
| Apparent gravity | Refer to ASTM C373-18 | 2.37 g/cm ³ |
| Moh's hardness | Refer to EN 15771:2010 | See the following |
| Thermal expansion | ASTM C531-00(2012) | 43.0x10 ⁻⁶ /°C |
| Flexural strength | ASTM C880/C880M-18 | Dry: 48.1Mpa Wet: 63.7MPa |
| Modulus of rupture | ASTM C99/C99M-18 | Dry: 57.1MPa Wet: 68.7MPa |
| Moh's hardness | 6 | |