



Soapstone

Soapstone GRILL

2016

Physical Characteristics

Specific weight	2.8 – 2.9 kg/cm ³ or 6.2 – 6.4 lbs./cm ³ or ~ 22 lbs/sf (3 cm slab)
Melting temperature	~1,500 °C or 2735°F
Specific heat	0.26 Kcal/kg (at 1,000°C)
Caloric conductivity	2.6 Kcal/h m/°C
Thermal Expansion	0.0000079% (20°-500°)
Hardness degree in Mohs scale	1 – 4
Resistance to pressure	235 kg/cm ²
Dielectric resistance	12500 V/cm
Electric resistance	17.7 x 10(6)

Chemical Composition (%)

Silicon dioxide (silica) SiO ₂	46.0
Aluminium oxide (alumina) Al ₂ O ₃	11.0
Chrome oxide (chrome green) Cr ₂ O ₃	0.4
Ferric oxide (hematite) Fe ₂ O ₃	7.8
Calcium oxide (caustic lime) CaO	1.2
Magnesium oxide (magnesite) MgO	27.5
Other inclusions	6.1

Percentage of Mineral Content

Talc	45
Carbonate	42
Chlorite	5
Serpentine	5
Magnetite	3
Other	Chalcopyrite and pyrite in traces

All given data above shows product specification approximately. It can be changed depends on product. Please request product analysis certification from your supplier.



Soapstone is a producer of countertops, shower bases / basins and architectural stone.

Soapstone is the darling of soapstone varieties for its unique beauty, character and durability. We are a LEED designated product that is green from quarrying to installation.