

Granite

The granite comes from quarries in South Africa and is used because of the following qualities:

- dimensional stability: material free of internal tension:
- thermal stability: coefficient of linear expansion is much lower than for cast iron and steel
- resistance to wear: the hardness guarantees durability
- hardness: similar to tempered steel
- acid resistant
- nonmagnetic
- electrical insulation
- resistant to oxidization: rustproof, noncorrosive.

Specifications

	African black	Absolute black
density	2.85 kg/dm ³	3.00 kg/dm ³
modulus of elasticity	60/95 Gpa	90/103 Gpa
porosity	0,09 %	0,15 %
resistance to flexion	24 MPa	25 MPa
coefficient of thermal expansion	6.5x10 ⁻⁶ m/m °c	5.9x10 ⁻⁶ m/m °c
knoop hardness	7000 MPa	7200 MPa
resistance to compression	244 MPa	270 MPa
colour	grigio scuro	nero
source	sud africa	sud africa
use	standard	request



African black



Absolute black