



## → Granite

Granite is a common and widely occurring type of intrusive, felsic, igneous rock. Granite has a medium to coarse texture, occasionally with some individual crystals larger than the ground-mass forming a rock known as porphyry. Granites can be pink to dark grey or even black, depending on their chemistry and mineralogy. Outcrops of granite tend to form tors, and rounded massifs. Granites sometimes occur in circular depressions surrounded by a range of hills, formed by the metamorphic aureole or hornfels.

Granite is nearly always massive (lacking internal structures), hard and tough, and therefore it has gained widespread use as a construction stone. The average density of granite is 2.75 g/cm<sup>3</sup> and its viscosity at standard temperature and pressure is  $\sim 4.5 \cdot 10^{19}$  Pa·s [1]. The word granite comes from the Latin granum, a grain, in reference to the coarse-grained structure of such a crystalline rock. BBS granite Concepts have put together a gallery of the most widely used Portuguese and Chinese granites for you to view.

These images combine to show you the colours and textures available in our industry, although you may prefer a sample of your chosen stone to be sent to you.

