

Basalt tiles, for floors and walls, basalt worktops, countertops, paving, etc.

**Basalt** is a common grey to black volcanic rock. It is usually fine-grained due to rapid cooling of lava on the Earth's surface.

Basalt is an interesting natural stone, generally suitable for the use indoors and outdoors.

Basalt is used as a decorative material for interiors - walls and floors tiles as well as outdoors, including pavement and cladding – see a picture below.



Basalt is a fairly enduring material not very sensitive to weather, and can in fact be considered one of the longest-lasting despite its porous, non-resistant appearance.

The most common use of basalt in interior design is in the form of basalt tiles. Other uses include slabwork such as basalt worktops, countertops, steps, vanity tops, table tops, worktops, as well as various decorative objects.



Users are advised to consult their stone supplier for suitability of different types of basalt for different applications.

Basalt comes in mainly black or grey colours. There is also red basalt which is quite rare. It is mined mainly in Italy, Turkey, China.

Basalt tiles come mainly in 400mmx400mm, 600mmx400mm, 600mmx600mm sizes. Other sizes are also possible.

**Basalterra** is the hardest wearing type of basalt with excellent technical characteristics. It comes in different finishes, including polished, honed and flamed finishes.

Compared to other types of basalt, basalterra has a minimum amount of pin-holes, which is an advantage mainly due to the resulting relative ease of maintenance and cleaning.

Some technical characteristics of basalterra:

Rigidity	7.6
Compacting factor	96.5%
Strength of pressure, saturation	1403 kg/cm <sup>2</sup>
Strength of pressure, dry	1483 kg/cm <sup>2</sup>
Water absorption, common	0.185%
Water absorption, saturation	0.207%
Volume, saturation	2.942 g/cm <sup>2</sup>
Volume, dry	2.925 g/cm <sup>2</sup>
Brightness	90-100%
Wearability	0.84 g/cm <sup>2</sup>
Acid-resistant	98.4%
Hole rate, general	3.465%
Hole rate, opening hole	0.605%

Basalt commands different prices, depending on the type of basalt and its grade/quality.

Honed finish



Flamed finish



Polished finish

