



## **BRAZILIAN SLATE GRAPHITE**

*LEADING IMPORTERS AND DISTRIBUTORS  
OF PREMIUM QUALITY NATURAL SLATES*

Natural slate has naturally formed over millions of years. Its high quality offers exceptional weathering properties and is maintenance free.

**Brazilian Slate Graphite** is composed of sheet silicates (mica and chlorite), quartz, feldspar together with moderate amounts of calcite and sporadic muscovite crystals.

Its use is recommended for covers in all climates and weather conditions.



### **Geological features:**

they determine its superb qualities, aesthetic as well as practical

**Waterproof:** it fulfils this property perfectly well because it is compact and pore-exempt, thus avoiding cracking caused by frost.

**Inalterable:** it remains unchanged under wind, dust, salt residue, cold, heat, snow and humidity.

**Economical:** the cost is very competitive, good value for money when compared to the cost of any other covering or roofing material.

**Formats:** many different formats can be produced taking into consideration the architectonic customs and aesthetic tastes of each different region or country. The quarry can produce any format made-to-measure if requested by order. For the UK and Ireland they produce the following sizes: 60x30 (24x12"), 50x25 (20x10").

### **BRAZILIAN SLATE GRAPHITE Physical-mechanical features:**



 Volumen Mass	2.10 grs/cm <sup>3</sup>
 Water-absorption coefficient:	0.57 %
 Mechanical resistance to flexion:	400-750Kg/cm <sup>2</sup> , modulus of rupture: 39.75 (3Pi.lt/2be <sup>2</sup> )
 Frost resistance	No alterations are appreciated
 Temperature change resistance:	No alterations are appreciated
 Acid resistance:	No alterations are appreciated
 Carbonate contents:	5.5 %

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