



### **SAMACA 49 PRIMERA**

An attractive blue/black slate with a distinctive texture. Its colour, thickness and characteristics offer a traditional British appearance in a range of different sizes to suit whatever property be it old or new.

**SAMACA NATURAL SLATE. Made for life.**

| Geology           | Technical Data Sheet                  | Guarantee     |
|-------------------|---------------------------------------|---------------|
| B. S. 680         | NATURAL SLATE<br>SAMACA 49<br>PRIMERA | Sitework      |
| Durability        |                                       | Holing slate  |
| Appearance        |                                       | Specification |
| Health and Safety |                                       | Popular Sizes |

## GEOLOGY

Spain - La Baña - Ultimoreo.  
Ordovician period.  
Open quarry extraction.

## BRITISH STANDARD 680

Meets requirements of:

Clause 6.2.1. Water Absorption.

Clause 6.2.2. Wetting and Drying.

Clause 6.2.3. Acid Immersion.

All tests are carried out at an accredited Namas testing house. Original test results are available upon request.

## DURABILITY

WATER: Impermeable to water.

HEAT: Unaffected by rapid hot and cold cycles.

SUNLIGHT: Unfading in UV light.

CHEMICAL: Resistant to air pollution.

BIOLOGICAL: Immune to biological degradation.

LIFE SPAN: Expected to exceed the life of the building.

FIRE: Non-combustible.

## APPEARANCE

Black, with slightly rough texture, 6/8 mm. Dressed edge, rectangular shape, but other shapes available on request.

## HEALTH & SAFETY

Please refer to Samaca Fixing Methods, page 43.

## GUARANTEE

Samaca slate is expected to exceed the life of the building. A formal quarry guarantee is given for all prime quality slate for a thirty year period. This is considered sufficient for all legal & contractual purposes.

## SITEWORK

In accordance with B. S. 8000 (Workmanship on site) and manufacturers recommendations. Please contact Samaca for comprehensive details but salient points are:

- keep slate stored in pallets whenever possible, no more than two pallets high. Loose slates should be stacked on their long edge on dry ground over two rows of battens.
- sort and grade the slate into three or four thickness.
- hole slate on the back face. This forms a countersunk hole on the top face of the slate which allows the head of the slate nail to finish flush with the surface of the slate.
- mark (perp) out the roof accurately to maintain the lap and bond.
- lay thicker slates at eaves decreasing in thickness towards the top of the roof.
- only use felt and nails which conforms with B.S.
- for hook fixing it is recommended to use 18/10 stainless steel or a superior quality.

## HOLING SLATE

A quarry holing service is available at competitive prices.

## SPECIFICATION

Samaca will prepare a specification upon request to ensure that the most suitable headlap and size of slate is used. A considerable saving in cost can be achieved by the use of the correct lap and slate.

| SIZE      | * WEIGHT PER SQ/M (kilos) | SLATE QTY. PER SQ/M (75mm lap) |
|-----------|---------------------------|--------------------------------|
| 600 x 300 | 45,15                     | 12,58                          |
| 500 x 250 | 46,93                     | 18,82                          |
| 450 x 220 | 47,88                     | 24,24                          |
| 400 x 220 | 48,28                     | 27,50                          |
| 400 x 200 | 49,11                     | 30,77                          |
| 350 x 200 | 50,78                     | 36,36                          |

\* Slate thickness 6/8 mm.

