



The Théret Quarry

SCHISTOSE SANDSTONE ■



Rubble stone (scale 1:1)



Schistose sandstone

ALSO KNOWN AS	TYPE	STRATIGRAPHICAL AGE
Paliseul stone	Schistose sandstone	Lower Devonian (Palaeozoic)

LOCAL QUARRY FOR A QUALITY SERVICE

In operation since 1889, the quarry mainly produces masonry stone finished off with elements cut manually to form natural angles. It also supplies cleaved elements, re-cut into variable lengths, which are known as "moulding" and used to make door or window surrounds and straight or curved lintels.

The quarry also has items which may be used for interior decoration.

Furthermore, the company has a qualified team of masons, who specialise in the application of these products.

WORKING SITE

Carrière Château du Loup - 6850 PALISEUL

TECHNICAL CHARACTERISTICS*

MINERALOGICAL COMPOSITION

Combination of silica, clayey, ferruginous and aluminiferous minerals

ATTRIBUTES

Apparent density
2653 kg/m³

Open porosity
3.34 % vol

PERFORMANCE

Compressive strength
128 N/mm²

Compressive strength after freeze
139 N/mm²

Flexural strength
23 N/mm²

Flexural strength after freeze
17 N/mm²

Abrasion resistance (Capon method)
23.6 mm

MAXIMUM DIMENSIONS OF BLOCKS

Length
0.5-3 m

Width
0.25-2 m

Thickness
0.4 m

MINIMUM THICKNESS FOR APPLICATION

Vertical elements
3 cm



Florenville, light socket in a garage, arch. R. Debrémaison

APPEARANCE, COLOUR AND PATINA

In deposits of schistose sandstone, layers of sandstone alternate with layers of schist. Finely grained and more clayey than psammites, they are generally characterized by their flaky structure. Their appearance varies according to their particular composition, which may be more compact or more fissile according to each case. The range of colours, often dark, varies considerably, sometimes within the same quarry. The palette of shades is based in this quarry on grey, blue-grey, blue, blue-green and brown.

FINISHED PRODUCTS AND STANDARD DIMENSIONS

In exterior applications, schistose sandstone is cut into flat rubble stones – with quoins, voussoirs and lintels – for traditional facing or dry masonry. They are equally widely used in designs for green spaces, in the form of rubble stones, dry-walls, banked walls. This stone is also used in original ways as interior decoration.

Rubble stones

height and length variable, depth 10/25 cm

Non-standard dimensions, in addition to advice on application and maintenance, can be obtained directly from the producer.



Herbeumont, private house, arch. M. Legère



Detail of a corner

SURFACE TREATMENTS AVAILABLE

Mainly untreated or split, sometimes sawn.

DESCRIPTIVE SPECIFICATIONS

«Schistose sandstone, colour [to specify], stratigraphical age Lower Devonian (Palaeozoic)».

[*] Data are the most recent available, measured according to applicable European standards.

THÉRET-EXPLOITATIONS S.P.R.L.

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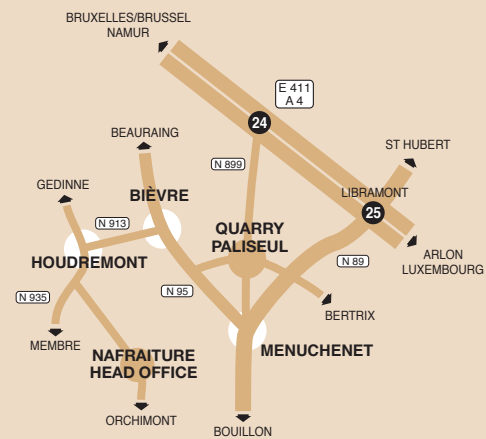
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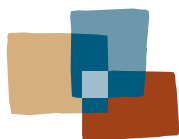
Herbeumont, semi-finished masonry facing, arch. M. Lepère



Lafonts hotel, arch. J. M. Mardagne



Arched opening with natural corners



PIERRES & MARBRES WALLONIE

