



The Rochettes Quarry

SCHISTOSE SANDSTONE ■



Rubble stone (scale 1:1)



Schistose sandstone

ALSO KNOWN AS	TYPE	STRATIGRAPHICAL AGE
<i>Grès des Rochettes</i>	Schistose sandstone	Lower Devonian (Palaeozoic)

LOCAL QUARRY FOR A QUALITY SERVICE

In the seventies, Arthur Houthoofd launched out into the earthworks business. In 1996, he was joined by his two sons, Marc and Pascal and together they founded the Sprl Houthoofd Colette A. et Fils. When it started operating, the Rochettes Quarry mainly focused on the production of all sizes of crushed stone necessary for laying and reshaping forest paths.

Since 2007, the extension of the quarrying area has made it possible to relaunch the production of facing stone and ornamental stone. Considerable investments were therefore made both for the purchase of equipment and for the recruitment of personnel. Three persons are working full time in the Quarry using highly specialised equipment.

The Rochettes Quarry produces schistose sandstone. It is bluish-grey or brown in colour and is used both indoors and outdoors. It has many applications such as building stone, ornamental stone in gardens and crushed stone offering a variety of different sizes.

WORKING SITE

Carrière des Rochettes
Route des Munos - 6880 BERTRIX

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
1.5 m

Width
0,8 m

Thickness
50 cm

MINIMUM THICKNESS FOR APPLICATION

Floor tiles
3-7 cm

Rubble stone
5-15 cm



Table and benches



Ornamental ponds



Gabion

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, and is limited here from blue-grey to 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, but also for setts, wall coverings, mantelpieces, doorsteps and steps. They are equally widely used in designs for green spaces, in the form of rubble stones, Japanese steps, dry-walls, banked walls, bins, tables and benches.

This stone is also used in original ways as interior decoration.

Rubble stones

Height and length variable, depth 9 à 13 cm

Slabs for dry-stone walls

length 30-50 cm, width 20-40 cm, depth 5-10 cm

Stone for ornamental ponds

length 30-80 cm, width 20-60 cm, depth 5-15 cm

Japanese steps

30-30 cm

Large menhirs

height 1-3 m, width 40-150 cm, depth 20-40 cm

Stone schist crust

10/20, 20/40, 40/60

Floor tiles

length 80-100 cm, width 40-60 cm, thickness 13-20 cm

Naturally moulded round stone

All non-standard products are obtainable on demand.

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.

CARRIÈRE DES ROCHETTES

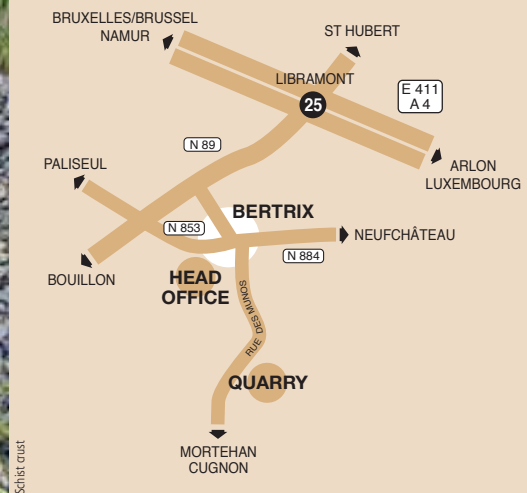
HEAD OFFICE

Rue de la Bonne Fontaine 16 · B-6880 BERTRIX
Tel. +32 (0)496 41 10 29 · Fax +32 (0)61 41 16 23

houthoofdtpascal@skynet.be
www.carrieredesrochettes.be

VAT BE 0718 583 819 · RPM Neufchâteau

Manager : Pascal Houthoofd



PIERRES & MARBRES WALLONIE

