



# The Dapsens Quarries

YVOIR SANDSTONE ■  
BOCQ BLUE LIMESTONE ■



Split (scale 1:1)

## WORKING SITES

Carrières St-Jean et St-Léon - 5530 YVOIR  
 Carrière des Marteaux - 5530 SPONTIN  
 Carrières Bois du Sergent - 5530 DORINNE

## TECHNICAL CHARACTERISTICS\*

### MINERALOGICAL COMPOSITION

Quartz 62-78%, lesser amounts of mica and feldspar

### ATTRIBUTES

Apparent density  
**2621 kg/m<sup>3</sup>**

Open porosity  
**1.64 % vol**

### PERFORMANCE

Compressive strength  
**236 N/mm<sup>2</sup>**

Compressive strength after freeze  
**224 N/mm<sup>2</sup>**

Flexural strength  
**40 N/mm<sup>2</sup>**

Flexural strength after freeze  
**41 N/mm<sup>2</sup>**

Abrasion resistance (Capon method)  
**15.5 mm**

### MAXIMUM DIMENSIONS OF BLOCKS

Length  
**2 m**

Width  
**1-2 m**

Thickness  
**0.7-1.5 m**

### MINIMUM THICKNESS FOR APPLICATION

**2 cm**

### TECHNICAL APPROVAL

**ATG 08/H875**

# Yvoir sandstone

### ALSO KNOWN AS

Hard sandstone, Condroz psammitite, Meuse sandstone, Famennian sandstone

### TYPE

Clayey sandstone, slightly micaceous and finely grained

### STRATIGRAPHICAL AGE

Upper Famennian (Upper Devonian, Palaeozoic)

## APPEARANCE, COLOUR AND PATINA

The thick layers of sandstone display an extremely varied range of colours, with brighter shades (yellow, green, red, rust-brown) or more muted tones (ranging from grey-green to grey-blue, wine-coloured, ochre and beige). The stone takes on a rust-brown patina when it is rich in iron, whilst if rich in feldspar grey-blue or greenish tones are produced.



## FINISHED PRODUCTS AND STANDARD DIMENSIONS

Thanks to its outstanding mechanical qualities, sandstone lends itself admirably to applications using every type of rubble stones, steps, wall coverings, quoins, surrounds for bay windows, dressed faces, for exterior use as well as for interior and decorative purposes. Its natural anti-skid qualities make it ideal for floor-covering: setts, thin paving tiles, edgings.

### Rubble stones

height 3-7 / 5-10 / 8-16 / 10-20 cm, minimum length 1.5 x the height  
 depth 8-12 / 10-15 / 10-20 / 15-20 / 15-25 cm

### Floor tiles

in free form 30-40 cm, thickness 2-4 / 4-7 cm, rectangular format, free measurement 15-30 x 25-30 cm, free length, width 15/20 cm, thickness 4-7 cm

### Mosaic paving

5-7 / 8-10 / 10-12 cm

### Paving and setts

width 12-14 / 14-16 / 18-20 cm, thickness 7-10 / 10-12 / 12-15 cm

### Borders

free length 30-60 cm, thickness 6-8 / 8-10 / 10-12 cm

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

## SURFACE TREATMENTS AVAILABLE

Cleaved and retouched to a greater or lesser degree, to even out the contours of the pieces for all forms of rough, retouched and squared finish.

## DESCRIPTIVE SPECIFICATIONS

«Clayey sandstone, slightly micaceous, very finely grained, stratigraphical age Upper Famennian (Upper Devonian, Palaeozoic)».



Honed (scale 1:1)

#### WORKING SITE

Carrière Saint-Roch - 5530 YVOIR

#### TECHNICAL CHARACTERISTICS\*

##### MINERALOGICAL COMPOSITION

Calcite 96-99%, traces of quartz and of pyrite

##### ATTRIBUTES

Apparent density  
**2703 kg/m<sup>3</sup>**

Open porosity  
**0.19% vol**

##### PERFORMANCE

Compressive strength  
**159 N/mm<sup>2</sup>**

Flexural strength  
**16 N/mm<sup>2</sup>**

#### MAXIMUM DIMENSIONS OF UNTREATED ELEMENTS

Length  
**3 m**

Width  
**2.5 m**

Thickness  
**1.5 m**

#### MINIMUM THICKNESS FOR APPLICATION

Elements vertical  
**1 cm**

Elements horizontal  
**2 cm**

#### TECHNICAL APPROVAL

**ATG 07/H786**

## Bocq Blue limestone

ALSO KNOWN AS	TYPE	STRATIGRAPHICAL AGE
<i>Petit granit du Bocq</i>	Compact crinoidal limestone	Mid-Tournaisian (Lower Carboniferous, Palaeozoic)

#### APPEARANCE, COLOUR AND PATINA

Compact and non porous, this rock displays many remains of crinoids, which vary in size and are unevenly distributed. It also contains large coral fossils standing out white against the dark background of the rock. Dark in colour, from grey-blue to blackish-grey, it appears more blue in tone when a sanded finish is applied, whilst polishing accentuates the black background, against which the white fossils are clearly visible.

#### FINISHED PRODUCTS AND STANDARD DIMENSIONS

As is the case with blue stones in general, this material is used in several different ways, for interior and exterior applications alike. These include: plinths, façades, rubble stones, floor tiles and setts, edging and doorsteps, surrounds for bay windows, window sills, steps, wall coverings, tiles for interior decor, skirting boards and worktops.

##### Dressed stones

length 30-150 cm, width 10-60 cm, thickness 2-30 cm

##### Floor tiles

length 30-60 cm, width 15-60 cm, thickness 1-5 cm

It is not advisable to order a piece with a surface area over 0.5 m<sup>2</sup> and length exceeding 1.5 m. For anything over these dimensions, it is necessary to take specific measures when the material is being applied.

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

#### SURFACE TREATMENTS AVAILABLE

STANDARD CUTS	MINIMUM THICKNESS		STANDARD THICKNESS AND SPECIFIC FEATURES
	MEC.	MAN.	
Split	5 cm	5 cm	5/8/10/15 cm
<i>Sbattu</i>	thick	5 cm	mechanical 5 cm
	thin	4 cm	mechanical 4 cm
Striated	–	5 cm	–
Bush-hammered	thick	5 cm	manual 6 cm - 16/25 sawteeth mechanical 5 cm
	thin	3 cm	mechanical 4 cm
<i>Sclypé</i>	5 cm	–	5 cm - 12 lines/dm
Combed	4 cm	–	5 cm - 10 lines/dm
Chiseled	3 cm	5 cm	mechanical 5 cm - 15 strikes/dm manual 15/20/25 strikes/dm
Old cut	3 cm	5 cm	5 cm
Ice Flowers	3 cm	–	5 cm

STANDARD FINISHES	MINIMUM THICKNESS		STANDARD THICKNESS AND SPECIFIC FEATURES
	MEC.	MAN.	
Sawn	2 cm	–	–
Grinded	2 cm	2 cm	5 cm
Aged	2 cm	2 cm	according to the type of abrasive elements
Honed	blue	2 cm	2 cm
	dark	1 cm	–
Polished	1 cm	–	2 cm

#### DESCRIPTIVE SPECIFICATIONS

«Crinoidal limestone, grey blue in colour, stratigraphical age Mid-Tournaisian (Lower Carboniferous, Palaeozoic), belonging to category [to specify] in accordance with classifications taking account of specific features regarding structure and appearance as established in technical information note n°220 of the C.S.T.C.».

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

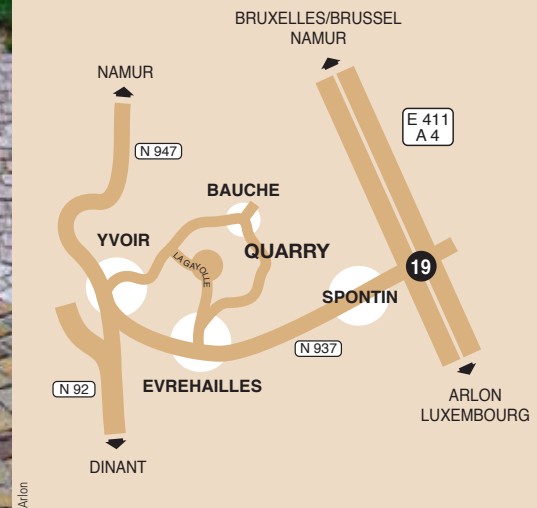


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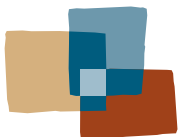
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PIERRES & MARBRES WALLONIE



Member of the federation of Belgian blue limestone - Petit-Granit producers



Wallonie

