



# The New Wal Pierre Quarries

QUARTZITE | CONDROZ SANDSTONE







Hammering rubble stone

## LOCAL QUARRIES FOR A QUALITY SERVICE

The QUARRY AT STANEUX dates from at least Romanesque times. This is confirmed by the much-admired church tower at Theux, as well as the hamlet of Spixhe-Staneux, built entirely of quartzite. This pale-coloured, hard-wearing stone is to be found in all the traditional masonry of this region, as is also the case with other local Ardennes stone.

The sandstone quarry here forms part of the extensive ESNEUX QUARRIES, which have for centuries been producing stone with exceptional mechanical qualities.



Rubble stone (scale 1:1)

## WORKING SITE

"Devant Staneux" - 4910 THEUX

## TECHNICAL CHARACTERISTICS

### MINERALOGICAL COMPOSITION

Quartz 95-97 %, traces of ferruginous minerals

### ATTRIBUTES / PERFORMANCE

These data are available on [www.pierresetmarbres.be](http://www.pierresetmarbres.be) and on the sites of the official bodies, they are measured according to the procedures of European standards in force and regularly updated.

## MAXIMUM DIMENSIONS OF BLOCKS\*

Length  
1 m

Width  
0.6 m

Thickness  
0.9 m

## MINIMUM THICKNESS FOR APPLICATION\*

6 cm

# Quartzite

ALSO KNOWN AS	TYPE	STRATIGRAPHICAL AGE
Spixhe Stone, Staneux Stone	Siliceous sandstone with a quartzitic structure	Emsian (Lower Devonian, Palaeozoic)

## APPEARANCE, COLOUR AND PATINA

Characterized by a siliceous cement which bonds the grains of quartz composing the rock, quartzite is extremely cohesive and hard. Practically impossible to wear down, it is particularly resistant to high temperatures.

Light in colour, it comes in a range of white shades tinged with rust and rose-coloured hues. These do not alter over time.

## FINISHED PRODUCTS AND STANDARD DIMENSIONS

Quartzite is used in exteriors, principally in the form of various types of rubble stones, quoins, surrounds for bay window, dressed faces and setts. It is also used in interior and outside decoration.

### Rubble stones

height 5-20 cm, length 10-40 cm, depth 10-18 cm

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

## SURFACE TREATMENTS AVAILABLE

Rough finish, cleaved, semi-trimmed or trimmed.

## DESCRIPTIVE SPECIFICATIONS

«Quartzite (siliceous sandstone) with fine to medium graining, stratigraphical age Emsian (Lower Devonian, Palaeozoic)».



Biriche, quartzite

\* Values shown are for reference only.



Rubble stone (scale 1:1)

## + WORKING SITE

Carrière du Bois d'Esneux  
4130 ESNEUX

## ( ) TECHNICAL CHARACTERISTICS

### MINERALOGICAL COMPOSITION

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

### ATTRIBUTES / PERFORMANCE

These data are available on [www.pierresetmarbres.be](http://www.pierresetmarbres.be) and on the sites of the official bodies, they are measured according to the procedures of European standards in force and regularly updated.

## ▣ MAXIMUM DIMENSIONS OF BLOCKS\*

Length

4 m

Width

1-1.5 m

Thickness

0.7-2 m

## ▣ MINIMUM THICKNESS FOR APPLICATION\*

2 cm

# Condroz sandstone

## ALSO KNOWN AS

Hard sandstone, Condroz psammite, Meuse sandstone, Famennian sandstone

## TYPE

Clayey sandstone, slightly micaceous and finely grained

## STRATIGRAPHICAL AGE

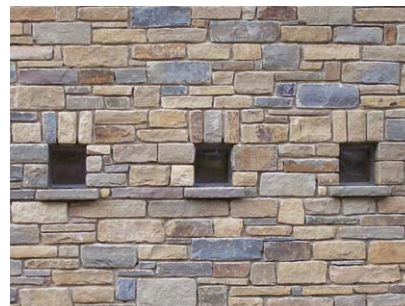
Upper Famennian  
(Upper Devonian, Palaeozoic)

## ( ) 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.



Arch. P. Dumez, sandstone



Arch. P. Dumez, sandstone

## ( ) 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 2-20 cm, depth 3-18 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

### Mosaic paving

5-7 / 7-9 / 8-10 / 9-11 / 10-12 cm

### Setts

width 12-14 / 14-16 / 15-17 cm, thickness 5-8 / 8-10 / 10-12 / 5-15 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)».

\* Values shown are for reference only.





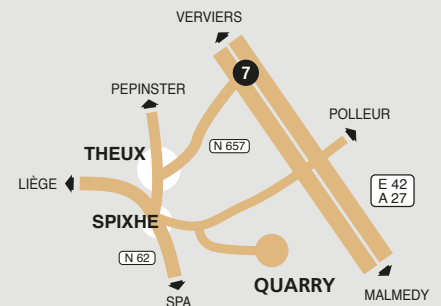
**NEW  
WALPIERRE**



## CARRIÈRE NEW WAL PIERRE

### HEAD OFFICE

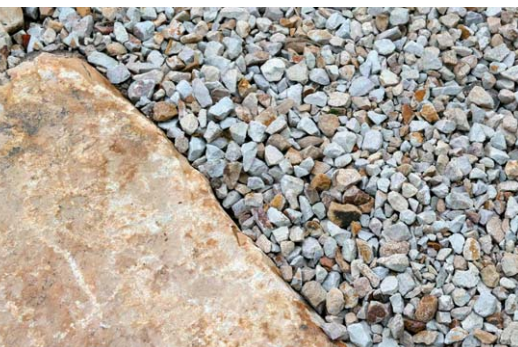
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Arch. P. Dumez, quartzite



Quartzite



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