



# The Ranhissart Quarry

SCHISTOSE SANDSTONE ■



Rubble stone (scale 1:1)



## Schistose sandstone

ALSO KNOWN AS  
Ranhissart sandstone

TYPE  
Schistose sandstone

STRATIGRAPHICAL AGE  
Lower Devonian (Palaeozoic)

### LOCAL QUARRY FOR A QUALITY SERVICE

Disused for over half a century, the CARRIÈRE DE RANHISSART has recently resumed its operations. It is famed for the quality of its schistose stone, which displays a subtle range of colours.

This is a traditional Ardennes building stone perfectly suited to its purpose. The stone is quarried with the skill of a craftsman and there is no better person to do it than Vincent Théret, an experienced stonemason, who is instilling life back into the stone from his region with the utmost passion.



#### WORKING SITE

Carrière de Ranhissart - 5550 MEMBRE  
VRESSE-SUR-SEMOIS

#### TECHNICAL CHARACTERISTICS\*

##### MINERALOGICAL COMPOSITION

Combination of silica, clayey, ferruginous and aluminiferous minerals

##### ATTRIBUTES

Apparent density  
**2653 kg/m<sup>3</sup>**

Open porosity  
**3.34 % vol**

##### PERFORMANCE

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

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

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

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

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

#### MAXIMUM DIMENSIONS OF BLOCKS

subject to availability

#### MINIMUM THICKNESS FOR APPLICATION

Floor tiles  
**3-7 cm**

Facing  
**5-15 cm**



#### 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 are limited in Ranhissart from grey to blue-grey, or beige.

#### 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 22/40 cm

##### Floor tiles

thickness 3-10 cm

##### Lintels / doorsteps

height and depth variable, length 1-2 m

##### Wall coverings

width 40/50 cm, thickness 5-10 cm

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

#### SURFACE TREATMENTS AVAILABLE

Mainly untreated or split, cut manually, 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.

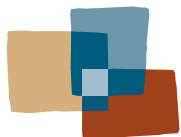
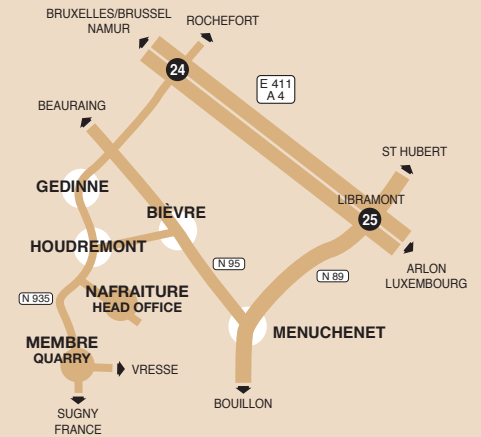


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PIERRES & MARBRES WALLONIE

