



# The Schauss Quarry

ARKOSE ■



Rubble stone (scale 1:1)



Wainnes

## Arkose

ALSO KNOWN AS	TYPE	STRATIGRAPHICAL AGE
Boussire Stone, Hautes Tailles Stone	Arkose sandstone, enriched with feldspar	Gedinnian (Lower Devonian, Palaeozoic)

### LOCAL QUARRY FOR A QUALITY SERVICE

Operations in the QUARRY AT BOUSSIRE began in the 18th century. The stone there was extracted by monks for the construction of the abbey church, later to become the cathedral at Malmédy. Subsequently, there was little activity at the quarry. It was in 1953 that Joseph Schauss really began extraction operations once more, producing stone for various public buildings such as schools, churches, administrative centres and, later, sports centres. Major works include the University at Mont Rigi and the Nature Centre at Botrange. Nowadays the main activity is the semi-industrial production of quarry stone and the traditional crafting of all the special features included in housing construction: angles, door and window surrounds, pillars and specially made arches, in addition to all the various parts for fireplaces.

## WORKING SITE

Carrière de Boussire - 4960 BOUSSIRE  
MALMEDY

## TECHNICAL CHARACTERISTICS\*

### MINERALOGICAL COMPOSITION

Quartz 70-80%, feldspar 6-15%,  
mica and ferruginous minerals

### ATTRIBUTES

Apparent density  
**2628 kg/m<sup>3</sup>**

Open porosity  
**2.51 % vol**

### PERFORMANCE

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

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

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

## MAXIMUM DIMENSIONS OF BLOCKS

Length  
**1.5-2 m**

Width  
**1 m**

Thickness  
**0.5-1.5 m**

## MINIMUM THICKNESS FOR APPLICATION

Floor tiles  
**3 cm**

Rubble stones  
**8 cm**



Stone splitter at work



Airmont

## APPEARANCE, COLOUR AND PATINA

This sedimentary rock, which has medium to rough grains, displays considerable variations in composition and colour from one layer to another, within a range of pastel shades- milky white, grey, green, pink or yellow. There are even examples with brighter colours, yellows and ochres, tinged with brown or rust by the occasional presence of ferruginous veining. The colours fade very gradually over time.

## FINISHED PRODUCTS AND STANDARD DIMENSIONS

Its extreme hardness and good resistance to compression makes this a very durable material, available in the form of untreated or cleaved rubble stones, quoins, moulding, or voussoirs in surrounds for bay windows and interior decoration. Certain layers do not possess the qualities required for construction purposes (irregular fissures and colours too dark); large stones extracted from these layers are used to construct river embankments or dry-stone garden walls. Stones from the other layers are used as paving-slabs or coping-stones, and also appear in gardens.

### Rubble stones

height 5-30 cm, length 15-45 cm, depth 15 cm

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

## SURFACE TREATMENTS AVAILABLE

Cleaved, semi-dressed, retouched.

## DESCRIPTIVE SPECIFICATIONS

«Arkose sandstone (enriched with feldspar) with rough to medium graining, pastel in colour, stratigraphical age, Gedinnian (Lower Devonian, Palaeozoic)».



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



## CARRIÈRES SCHAUS- ARKOSE DE BOUSSIRE S.P.R.L.

### HEAD OFFICE

Champagne, 7 · B-4950 WAIMES  
Tel./Fax +32 (0)80 67 92 08

### QUARRY

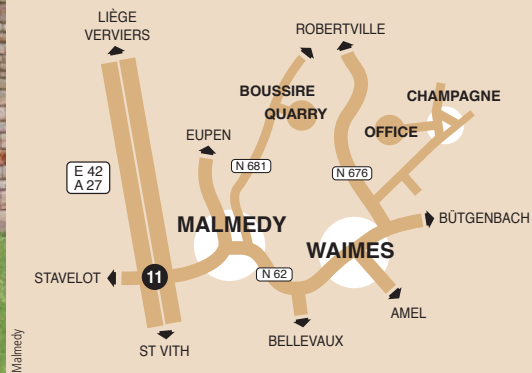
Chemin du Petit Bois G'Doumont · B-4960 BOUSSIRE

carriere\_schauss@skynet.be

www.carriereschauss.be

VAT BE 0445 677 881 · RPM Verviers

Manager: Bernard Portois [+32 (0)497 47 97 80]



Amblève



Géromont



Waimès



PIERRES & MARBRES WALLONIE

