



# The Gobertange Quarry

GOBERTANGE SANDY LIMESTONE ■



Rubble stone (scale 1:1)

## Gobertange sandy limestone

ALSO KNOWN AS	TYPE	STRATIGRAPHICAL AGE
Gobertange stone, Bruxellian stone, <i>Calcaire gréseux de Gobertange</i>	Sandy limestone	Lutetian or Bruxellian (Eocene, Tertiary)

### LOCAL QUARRY FOR A QUALITY SERVICE

Gobertange stone is a white limestone quarried in the east of Walloon Brabant (in the hamlet of Gobertange forming part of the town of Jodoigne). For centuries, many renowned architects have selected this material for its beauty and its quality in the construction of grandiose places and buildings such as the Market Square (Grand'Place) and City Hall of Brussels, Mechelen Cathedral, the Cloth Hall of Ypres and various other historic buildings in Belgium, France and the Netherlands.

The Gobertange quarry is run by the Entreprise BERNARD Pierrot et Fils SA (Ltd) which produces many customised products (door and window surrounds, cladding, flagstones, etc.), different types of rubble stone and also decorative products both for outdoors and indoors. This stone is used in many new buildings and refurbishments and in the restoration of buildings forming part of public and private heritage.

## WORKING SITE

Carrière de Gobertange  
Rue de Hussompont - 1370 MÉLIN

## TECHNICAL CHARACTERISTICS\*

### MINERALOGICAL COMPOSITION

Calcite 73-87 %, quartz 11-25 %, traces of ferruginous minerals

### ATTRIBUTES

Apparent density  
**2431 kg/m<sup>3</sup>**

Open porosity  
**10 % vol**

### PERFORMANCE

Compressive strength  
**In the order of 100 N/mm<sup>2</sup>**

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

Frost resistant

Rate of wear  
**3 mm / 1000 m**

## MAXIMUM DIMENSIONS OF UNTREATED ELEMENTS

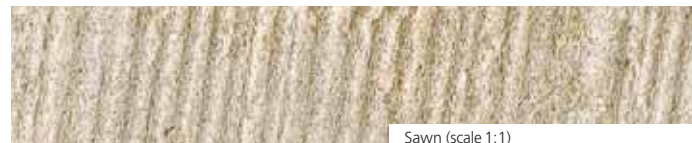
Length  
**70 cm**

Width  
**40 cm**

Thickness  
**12 cm**

## MINIMUM THICKNESS FOR APPLICATION

**2 cm**



Sawn (scale 1:1)

## APPEARANCE, COLOUR AND PATINA

This stone is formed from thin, calcareous, very finely-grained strata, which is very light and cemented, alternating with calcareous sandstone, coarser grained and slightly greyish. Gobertange stone therefore has its own highly characteristic structure. It is to be noted that this stone is used for making smaller items: the height of the layers is about twenty centimetres, and the finished products have a maximum thickness of 1 to 14 centimetres after the soft parts of the stone have been removed. Pale beige in colour when freshly cut, the stone may be speckled with traces of green glauconite, which becomes reddish when oxidized. Over time, it acquires a greyish beige tone.

## FINISHED PRODUCTS AND STANDARD DIMENSIONS

Through its mechanical properties, Gobertange stone lends itself to many types of cuts and finishes, both indoors and out: rubble stone, facing, doorsteps, surrounds, windowsills, flagstones, cobblestones, mantelpieces, interior and exterior decoration, together with all the applications for marblework, dressing and sculpture. A large number of moulding patterns can be applied on all the products produced in Gobertange stone to increase their refinement.

### Dressed stones

height 7-40 cm, length 10-70 cm, thickness 2-14 cm

### Floor tiles

free length, width 15-30 cm, thickness 2-4 cm

### Rubble stones

height 8-15 cm, length 15-40 cm, thickness 8-15 cm

### Dressed faces

height 8-25 cm, free length, thickness 3-5/8-12 cm

### Cobblestones

width 8-15 cm, length 10-25 cm (aged cobblestones)

## SURFACE TREATMENTS AVAILABLE

The stone may be split or sawn, before being given different surface finishes, such as chiseling, grinding, honing, Old-fashioned manual cut, fine cut, aged fine cut. Can be dressed and moulded.

## DESCRIPTIVE SPECIFICATIONS

«Sandy limestone, composed of fine, alternating layers of more sandy and more calcareous strata, interspersed with oblique traces, beige in colour, stratigraphical age Bruxellian (Eocene, tertiary)».



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



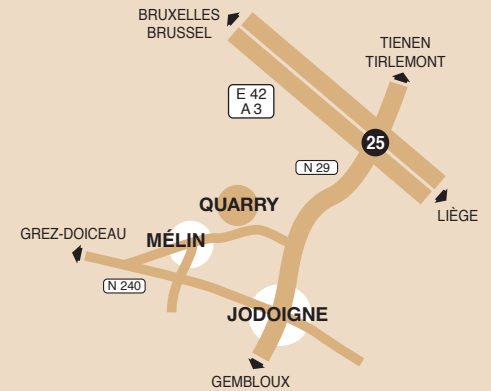
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