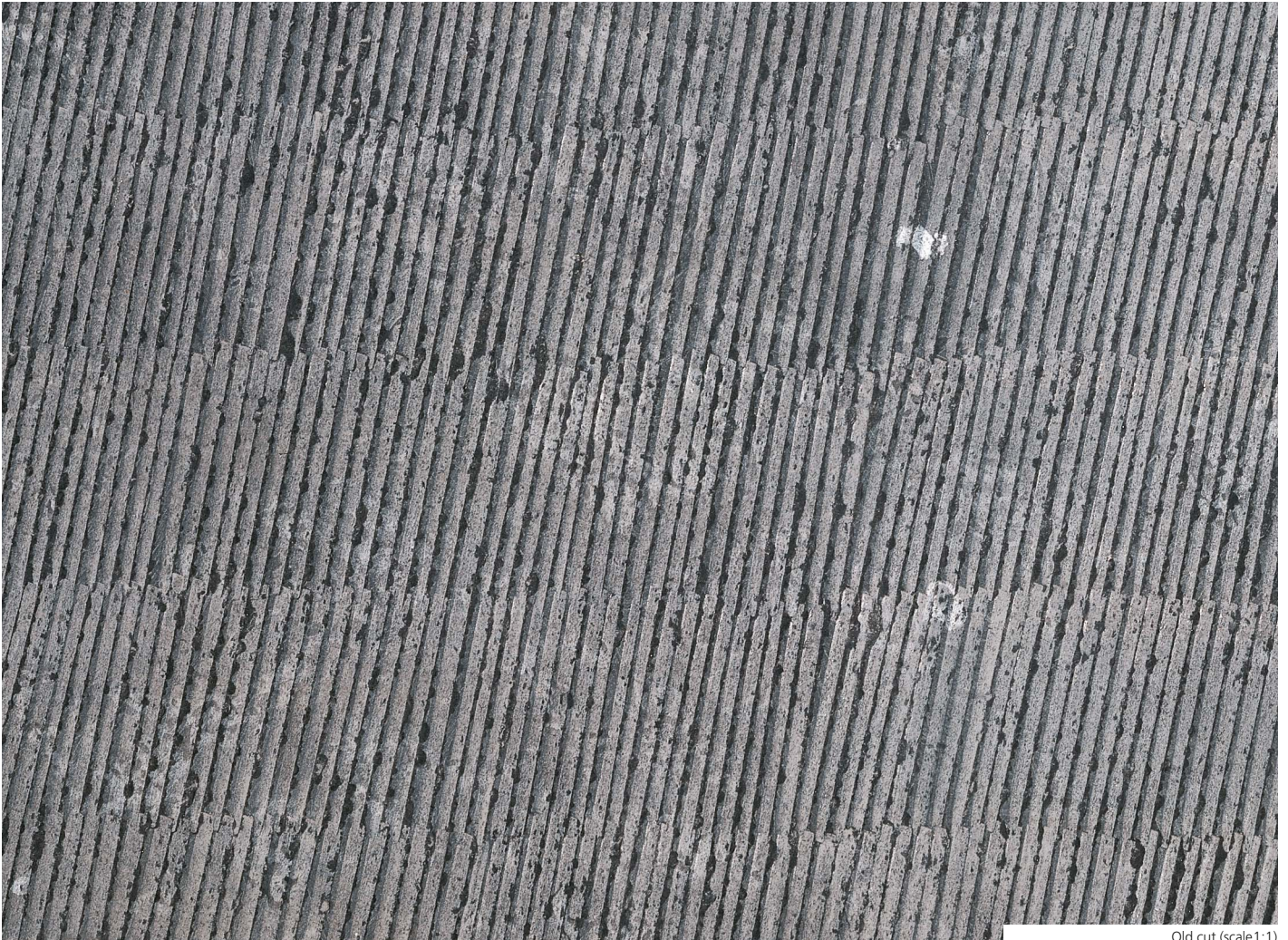




Roquette's quarry

TOURNAI STONE - TOURNAI BLACK



Old cut (scale 1:1)



Tournai stone - Tournai black

ALSO KNOWN AS

Tournai, Noir Clovis, Noir Childéric

TYPE

Clayey siliceous limestone

STRATIGRAPHICAL AGE

Upper Tournaisian (Lower Carboniferous, Palaeozoic)



LOCAL QUARRY FOR A QUALITY SERVICE

In 1982 the family business S.A. CARRIÈRES LEMAY, which had been founded in 1897, joined S.A. Cimenteries CBR. Today, S.A. Cimenteries CBR is part of the German building materials group HeidelbergCement, the world's number 1 in aggregates production and number 2 in cement production.

In 1975, to meet the constant demand, the CARRIÈRE LEMAY resumed production of blocks for ashlar, which had been halted after 1945 by the Dumon Duquesne company. The CARRIÈRE LEMAY carried out meticulous surveys before embarking on this venture. Explorations took place in the quarry in order to determine the exact position of the different levels and rock layers.

Since then, the company quarries stone at the Carrière de la Roquette. These are kept by the geologist Camerman and by the C.S.T.C. (Scientific and Technical Centre for Construction) and have been subject to numerous frost sensitivity tests, mainly at the Magel institute in Ghent.

WORKING SITE

Carrière Lemay - 7536 VAULX

TECHNICAL CHARACTERISTICS

MINERALOGICAL COMPOSITION

Calcite 75-80 %, silica 16-20 %, traces of dolomite and of pyrite

ATTRIBUTES / PERFORMANCE

These data are available on 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
2.5 m

Width
1.5 m

Thickness
0.8 m

MINIMUM THICKNESS FOR APPLICATION*

2 cm



Tournai black dark honed (scale 1:1)

APPEARANCE, COLOUR AND PATINA

The deposit, which is divided into a succession of not very thick layers, gives a very finely-grained stone, characterized by the presence of parts of crinoids and shell remains. After the soft parts of the stone have been removed, the core of the layers present two different varieties of quality and usage. Grey-blue in colour, the patina of the rock presents a range of pale grey hues.

FINISHED PRODUCTS AND STANDARD DIMENSIONS

The areas of usage for this stone correspond to those of *Petit granit*, in the case of interiors and exteriors alike: plinths, façade, as rubble stones, wall covering, exterior floor tiles and setts, borders, doorsteps, surrounds for bay windows, window sills, stairs, interior floor tiles, covering for interior walls, skirting boards, worktops, covering for bridges, rockfill, street furniture, as well as all the applications for marblework, dressed stones and sculpture. For exterior usage, Tournai stone must be placed with horizontal bedding plane.

Dressed stones

length 30-170 cm, width 15-48 cm, thickness 2-35 cm
thickness 2-5 cm for Tournai black

Floor tiles

length 20-60 cm, width 20-45 cm, thickness 2-5 cm

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

SURFACE TREATMENTS AVAILABLE

This material lends itself to all the finishes for dressed stones and marblework characteristically given to blue stones. In interiors, the marble finishes (grinded, honed and polished) best bring out their decorative qualities. The use of a polished finish is not recommended for exterior applications.

DESCRIPTIVE SPECIFICATIONS

Tournai stone: «Bioclastic limestone, dark in colour and with a grey patina, stratigraphical age Upper Tournaisian (Lower Carboniferous, Palaeozoic)».

Tournai black: «Finely-grained limestone with few fossil traces, dark in colour, stratigraphical age Upper Tournaisian (Lower Carboniferous, Palaeozoic)».

* Values shown are for reference only.



SAGREX

HEIDELBERGCEMENT Group

S.A. CIMENTERIES CBR - ACTIVITÉ GRANULATS

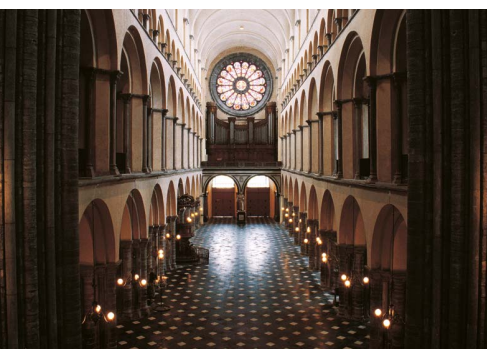
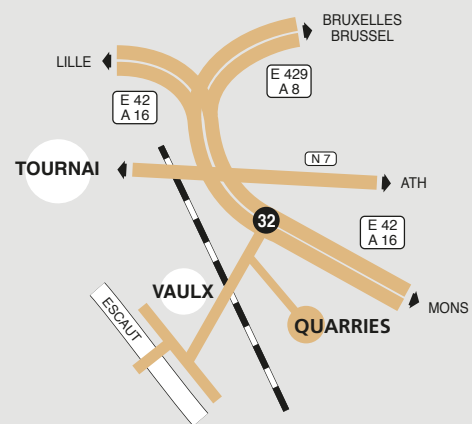
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