The Briot Quarries

LONGPRÉ MEUSE LIMESTONE

Polished (scale 1:1)

Longpré Meuse limestone

ALSO KNOWN AS	TYPE	STRATIGRAPHICAL AGE
Longpré stone, Meuse stone	Crinoidal limestone	Lower Visean (V1a, Lower Carboniferous, Palaeozoic)

LOCAL QUARRIES FOR A QUALITY SERVICE

Not very familiar to the general public, Longpré limestone is a hard stone of very good quality, resembling blue stone but pale grey in tone. It is used as freestone for both restoration work and construction. Outside, its characteristic white patina is a real advantage. It is also certain to be found in interiors as a floor covering and when given a polished finish acquires a warm, squirrel-grey tone.

Longpré Stone is extracted and marketed by the public limited company BRIOT s.a., which for two generations has been active in this sector. The company employs highly qualified staff, who specialise in moulding and sculpting stone, which they cut entirely by hand. Besides Longpré Stone, she also saws and transforms Blue Stone and "Pierre de France", as well as the most standard types of marble, and is able to produce decorative fittings of every variety on request.

For professionals or private individuals alike, the excellent reputation of BRIOT s.a. is the best guarantee of a quality product.

Grez-Doiceau, arch. A. Jacqmain

WORKING SITE

Carrière de Longpré - 4520 WANZE

TECHNICAL CHARACTERISTICS*

MINERALOGICAL COMPOSITION

Calcite > 99 %

ATTRIBUTES

Apparent density
2697 kg/m³

Open porosity
0.27 % vol

PERFORMANCE

Compressive strength
139 N/mm²

Compressive strength after freeze
127 N/mm²

Flexural strength
21 N/mm²

Flexural strength after freeze
20 N/mm²

Abrasion resistance (Capon method)
20.7 mm

MAXIMUM DIMENSIONS OF BLOCKS

Length
2.5 m

Width
1.3 m

Thickness
1.2 m

MINIMUM THICKNESS FOR APPLICATION

2 cm

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

APPEARANCE, COLOUR AND PATINA

This rock, which has a coarsely-grained structure, displays the remains of shells and several scattered traces of crinoids, standing out mid-grey against the rock's light grey background, slightly tinged with beige. Veins and white marks are rare. With the grinding or polishing process the stone retains a light grey shade. With exterior applications, it displays a light grey, almost white patina, whilst if used in interiors it remains mid-grey in colour. In its upper section, currently undergoing extraction, the deposit displays vertical clefts limiting the size of the blocks, on the other hand, the terraces which pass through it are firmly bonded and do nothing to diminish its quality.

FINISHED PRODUCTS AND STANDARD DIMENSIONS

The large amounts of cuts and finishes which this stone can take, as well as its vast range of possible sizes, make it widely sought after as it can be applied in so many different ways, for interior and exterior usage alike: plinths, façades, rubble stones, wall covering, exterior tiles and setts, swimming pool coping, borders, doorsteps, surrounds for bay windows, window sills, stairs, interior paving, covering interior walls, skirting boards, worktops, rockfill, street furniture, as well as all the usual applications for marblework, dressing and sculpture.

Dressed stones
length 30-150 cm, width 10-60 cm, thickness 2-50 cm

Floor tiles
length 30-50 cm, width 15-50 cm, thickness 2-4 cm
free length, width 15/20/25/30/40/50 cm

Doorsteps
width 18/20/22/25 cm, thickness 5 cm

Mantelshelves
width 18/20/22/25 cm, thickness 2 cm

Skirting board
width 7/8/10 cm, thickness 2 cm

It is not advisable to order a surface area of over 0.5 m² and a length over 1.2 m. For anything above these sizes, it is necessary to take specific measures when the stone is being applied. Non-standard sizes may be asked on direct request to the producer.

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

Thin honed (scale1:1)

Manual chiseled (scale1:1)

SURFACE TREATMENTS AVAILABLE

STANDARD CUTS		MINIMUM THICKNESS MEC.	MINIMUM THICKNESS MAN.	STANDARD THICKNESS AND SPECIFIC FEATURES
Split		–	5 cm	8/10/12/15/20 cm
Sbattu	thick	–	8 cm	manual 8 cm
	thin	–	6 cm	manual 6 cm
Striated		–	8 cm	variable
Bush-hammered	thick	5 cm	5 cm	manual 6 cm - 15/25 sawteeth mechanical 4 cm
	thin	3 cm	5 cm	manual 5 cm - 49 sawteeth mechanical 3 cm
Chiseled		3 cm	5 cm	5 cm manual 15/20/25 strikes/dm
Old cut		3 cm	5 cm	5 cm

STANDARD FINISHES	MINIMUM THICKNESS MEC.	MINIMUM THICKNESS MAN.	STANDARD THICKNESS AND SPECIFIC FEATURES
Sawn	2	–	variable
Grinded	2	2	variable
Honed	2	–	2 cm
Polished	2	–	2 cm

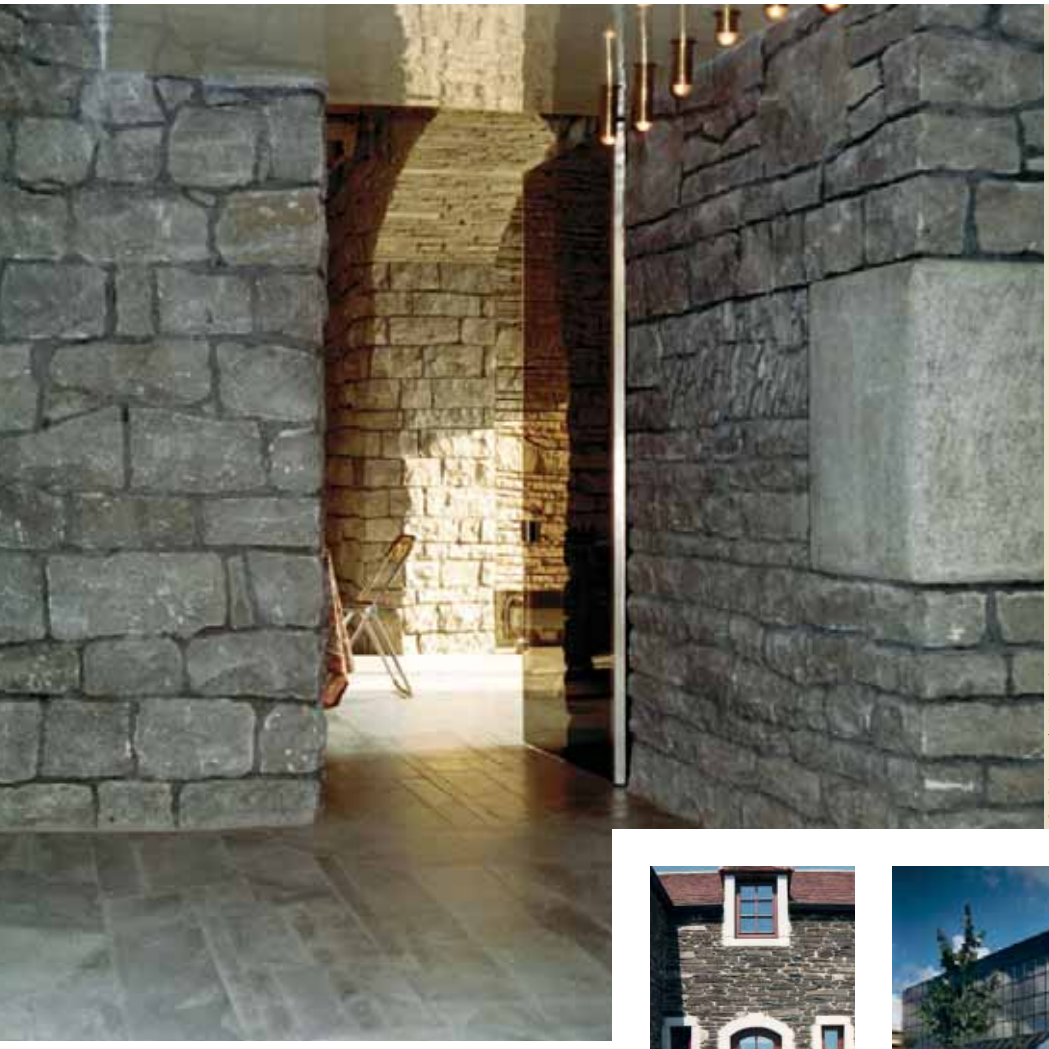
DESCRIPTIVE SPECIFICATIONS

«Light grey crinoidal limestone, stratigraphical age Lower Visean (Lower Carboniferous, Palaeozoic) the stone will be sound, of good quality, and will produce a clean sound on being struck with a metallic hammer. It will not display badly bonded thin veins, which are generally very fine, nor black lines which retain water».

Modave, arch. M. Lejeune

Mozet, swimming pool coping

BRIOT
TRAVAIL DE LA PIERRE



Grez-Doiceau, arch. A. Jacqmain

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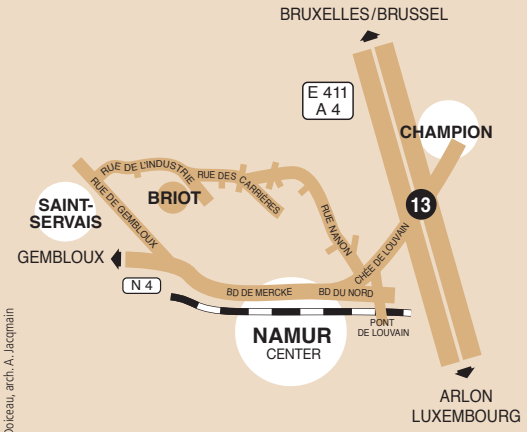

Flawinne

Hasselt, arch. M. Jaspers

Liège, arch. J.-L. Joris

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