

Technical Figures
MAGNY LE LOUVRE
NATURE : ENCRINITIC LIMESTONE,
JURASSIC, BAJOCIAN STRATUM
AGE: 165 MILLION YEARS

ASPECT : RIBBON LIGHT BEIGE, MEDIUM GRAIN WITH TINY HOLES.

COMMUNE : MAGNY LAMBERT (CÔTE D'OR), 23 KM SOUTH OF CHATILLON SUR SEINE

CARACTERISTICS :

APPARENT DENSITY	2180 kg/m ³	NF EN 1936	(EUROFINS M121171/MvNt 21/11/2012)
OPEN PROSITY	15.9 %	NF EN 1936	(EUROFINS M121171/MvNt 21/11/2012)
FLEXURAL STRENGTH	9.6 Mpa	NF EN 12372	(EUROFINS M121171/Rf 05/11/2012)

CARACTERISTICS OF USE :

COMPRESSIVE STRENGTH	47.2 Mpa	NF EN 1926	(LEM M061821/Rc 07/06/2006)
AVERAGE SPEED OF PARALLEL SOUND PROPAGATION	3 481 m/s		(LEM M061821/Vs2 07/06/2006)
AVERAGE SPEED OF PREPENDICULAR SOUND PROPAGATION	3 466 m/s		(LEM M061821/Vs2 07/06/2006)
WATER ABSORPTION COEFFICIENT C1	66.9 g.m ⁻² .s ^{-0.5}		(LEM M061821/Capil2 07/06/2006)
WATER ABSORPTION COEFFICIENT C2	71.7 g.m ⁻² .s ^{-0.5}		(LEM M061821/ Capil2 07/06/2006)
ABRASION RESISTANCE	33.9 mm	NF EN 14157	(EUROFINS M121171/Usure 05/11/2012)
FREEZE THAW TEST	240 cycles	NF EN 12371	(LEM M061821/Gel 09/10/2006)
SLIPPING RESISTANCE - SAWN FINISH		NF EN 14231	(EUROFINS M121171/Gliss 05/11/2012)
IN DRY CONDITIONS	52		
IN HUMID CONDITIONS	50		
AVERAGE BRACKETS STRENGTH (Type I)	604 N	NF EN 13364	(LEM M061821/Ra2a 07/06/2006)
AVERAGE BRACKETS STRENGTH (Type IIb)	801 N	NF EN 13364	(LEM M061821/ Ra2b 07/06/2006)

USES : ELEVATIONS, DRIP COURSES, STRING COURSES, CORNICES, BALCONIES, PLINTHS, BRIDGE PIERS. CLADDING FLOORING, STAIRCASES, INTERNAL OR EXTERNAL USE. FOR COLLECTIVE TRAFIC PREMISES. DECORATION.

ARCHITECTURAL REFERENCES : ELEVATION AND MASSIVE STONE OF THE PYRAMID OF THE LOUVRE, SHOPPING CENTER IN PARIS, BANK OF BOSTON IN LUXEMBOURG, CHINESE EMBASY IN WASHINGTON, NATIONAL BANK OF BELGIUM IN BRUSSELS, THE FOUR EASONS, THE REGENT HOTEL (56 FLOORS) IN MANHATTAN