

Technical Figures

MAGNY DORE

NATURE : ENCRINITIC LIMESTONE,
JURASSIC, BAJOCIAN STRATUM
AGE: 165 MILLION YEARS

ASPECT : LIGHT GOLD OR GOLDEN YELLOW, MEDIUM GRAIN WITH TINY HOLES.

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

CARACTERISTICS :

APPARENT DENSITY	2170 kg/m ³	NF EN 1936	(EUROFINS M121169/MvNt 09/11/2012)
OPEN PROSITY	16 %	NF EN 1936	(EUROFINS M121169/MvNt 09/11/2012)
FLEXURAL STRENGTH	7.6 Mpa	NF EN 12372	(EUROFINS M121169/Rf 09/11/2012)

CARACTERISTICS OF USE :

COMPRESSIVE STRENGTH	42.8 Mpa	NF EN 1926	(LEM M061819/Rc 06/06/2006)
AVERAGE SPEED OF PARALLEL SOUND PROPAGATION	3952 m/s	NF EN 14359	(LEM M061819/Vs2 06/06/2006)
AVERAGE SPEED OF PREPENDICULAR SOUND PROPAGATION	3933 m/s	NF EN 14359	(LEM M061819/Vs2 06/06/2006)
WATER ABSORPTION COEFFICIENT C1	55.4 g.m ⁻² .s ^{-0.5}	NF EN 1925	(LEM M061819/Capil2 06/06/2006)
WATER ABSORPTION COEFFICIENT C2	58.5 g.m ⁻² .s ^{-0.5}	NF EN 1925	(LEM M061819/Capil2 06/06/2006)
ABRASION RESISTANCE	33.4 mm	NF EN 14157	(LEM M061819/Usure 06/06/2006)
FREEZE THAW TEST	150 cycles	NF EN 12371	(LEM M061819/Gel 15/09/2006)
SLIPPING RESISTANCE - SAWN FINISH		NF EN 14231	(EUROFINS M121169/Gliss 09/11/2012)
IN DRY CONDITIONS	58		
IN HUMID CONDITIONS	63		
AVERAGE BRACKETS STRENGTH (Type I)	737 N	NF EN 13364	(LEM M061819/Ral 06/06/2006)

USES : ELEVATIONS, DRIP COURSES, STRING COURSES, CORNICES, BALCONIES, PLINTHS, BRIDGE PIERS. CLADDING FLOORING, STAIRCASES, INTERNAL OR EXTERNAL USE UNDER TEMPERATE CLIMATE. MODERATE COLLECTIVE TRAFIC. DECORATION.

ARCHITECTURAL REFERENCES : INTERIOR ELEVATION IN THE GRAND LOUVRE TO PARIS, WAHSINGTON PLAZA IN PARIS, TWO RODEO DRIVE TO LOS ANGELES, NATIONAL BANK IN BELGIUM.