

Technical Figures

MAGNY JAUNE

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

ASPECT : YELLOW OR PINKISH YELLOW, SLIGHTLY MOTTLED, MEDIUM GRAIN WITH TINY HOLES.

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

CARACTERISTICS :

APPARENT DENSITY	2420 kg/m ³	NF EN 1936	(EUROFINS M121170/MvNt 09/11/2012)
OPEN PROSITY	7.6 %	NF EN 1936	(EUROFINS M121170/MvNt 09/11/2012)
FLEXURAL STRENGTH	9.8 Mpa	NF EN 12372	(EUROFINS M121170/Rf 09/11/2012)

CARACTERISTICS OF USE :

COMPRESSIVE STRENGTH	46.4 Mpa	NF EN 1926	(LEM M0618220/Rc 29/05/2006)
AVERAGE SPEED OF PARALLEL SOUND PROPAGATION	4 863 m/s		(LEM M061820/Vs2 29/05/2006)
AVERAGE SPEED OF PREPENDICULAR SOUND PROPAGATION	4 766 m/s		(LEM M061820/Vs2 29/05/2006)
WATER ABSORPTION COEFFICIENT C1	94 g.m ⁻² .s ^{-0.5}		(LEM M061820/Capil2 29/05/2006)
WATER ABSORPTION COEFFICIENT C2	143.8 g.m ⁻² .s ^{-0.5}		(LEM M061820/ Capil2 29/05/2006)
ABRASION RESISTANCE	28.6 mm	NF EN 14157	(EUROFINS M121170/Usure 09/11/2012)
FREEZE THAW TEST	240 cycles	NF EN 12371	(LEM M061820/Gel 19/10/2006)
SLIPPING RESISTANCE - SAWN FINISH		NF EN 14231	(EUROFINS M121170/Gliss 09/11/2012)
IN DRY CONDITIONS	61		
IN HUMID CONDITIONS	63		
AVERAGE BRACKETS STRENGTH (Type I)	1024 N	NF EN 13364	(LEM M061821/Ra2a 07/06/2006)

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

ARCHITECTURAL REFERENCES : WAHSINGTON PLAZA IN PARIS, ZURICH INSURANCE IN LUXEMBOURG, OFFICE AND SHOPPING CENTER IBC CENTER IN PRAGUE, TROCADERO IN PARIS, HAMENIAN CHURCH IN BRUSSEL ;