

TECHNICAL FIGURES

CHAMPAGNY

TYPE : ENCRINITIC LIMESTONE, JURASSIC
BAJOCAIN STRATUM
AGE: 165 MILLION YEARS

ASPECT : WHITE TO GREY OR GOLDEN BEIGE BACKGROUND LIMESTONE SLIGHTLY RIBONNED, MEDIUM GRAIN. CONTAINING FOSSILS

EXTRACTION SITE : QUARRY LOCATED 20 KM FROM CHATILLON SUR SEINE

CHARACTERISTICS

Apparent density	2 180 kg/m ³	NF EN 1936	EUROFINS M061827/MvNt 07/06/2006
Open porosity	17,5 %		EUROFINS M061827/MvNt 07/06/2006
Flexural strength	4,5 Mpa	NF EN 12372	EUROFINS M111242/Rf 21/11/2011

CHARACTERISTICS OF USE

Compressive strength	56,8 Mpa	NF EN 1926	EUROFINS M061827/Rc 07/06/2006
Average speed of sound propagation	3 589 m/s	NF EN 14579	EUROFINS M061827/MvNt 07/06/2006
Abrasion resistance	28,4 mm	NF EN 14157	EUROFINS M061827/Usure 07/06/2006
Freeze thaw test	210 cycles	NF EN 12371	LEM M061827/Vs2I 07/06/2006
Average brackets strength (type I)	1 027 N	NF EN 13364	EUROFINS M061827/Ral 07/06/2006

USES : Elevations, drip courses, string courses, cornices, balconies, plinths, bridge piers. Cladding flooring, staircases, internal or external use under any climate, decoration, building stone, carving.

ARCHITECTURAL REFERENCES : ANTILIA RESIDENCE IN MUMBAI, BERNARD DU BOIS RESIDENCE IN MARSEILLE