

TECHNICAL FIGURES

VOLNAY

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