



BIMILLENARIA GARANZIA
DI QUALITÀ E PRESTIGIO

CAVA ROMANA SOCIETÀ PER AZIONI

PER L'INDUSTRIA DEI MARMI, PIETRE E GRANITI

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PARTITA IVA E
COD. FISC.: N. 00046760328
REG. IMPR. N. 00046760328
R.E.A. TS N. 9704
MEC. TS 002035

AURISINA ROMAN STONE

Place of extraction: AURISINA (Trieste) - Italy

Synonyms: Aurisina Romana

Macroscopic description

The "Roman stone" is a compact limestone, made up of a very large fraction of organic fragments immersed in a microcrystalline cementing carbonatic background mass.

The basic colour is very light grey, weakly tending towards ivory with a large presence ("profusion") of fine and even organic materials, usually dark grey and sometimes white. Fossil remains, millimetric or submillimetric in size, are evenly distributed.

Cementation is very good; there are neither calcitic veins nor pockets, and stylolite surfaces are extremely scarce.

Bedding is faint; fracturing is evident with a plurimetric spacing.

Macroscopically the rock can be defined as a very fine breccia of organogenic origin.

Microscopic description

The ortochemical component is made up of a micritic background mosaic with frequent recrystallization.

The allochemical components are made up of fossil fragments, evenly distributed, often with traces of wear and are millimetric or submillimetric in size.

Bioclasts may be attributed to remains of Rudistans and of thick shell Lamellibranchs.

The rock can be defined as a bioclastite.

Characteristics

The stone is homogeneous, compact, very fine-grained, frost-proof, slightly absorbent, with high mechanical characterization parameters, a good wear and impact resistance and a low thermal linear expansion coefficient.

This marble can be perfectly processed; it is particularly suitable for statuary and can be highly polished.

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RIATTIVATA NEL 1845 - CAPITALE €130.000,00 INT. VERSATO - EXPORT BLOCCHI - LASTRE E LAVORATI - SEDE E STABILIMENTO AURISINA - TRIESTE
ESTRAZIONE TIPICA PIETRE DI TRIESTE E DEL CARSO NELLA VARIETÀ: ROMAN STONE - AURISINA GRANITELLO -
AURISINA FIORITA - REPEN CLASSICO ZOLLA - REPEN CLASSICO CHIARO - FIOR DI MARE

Per qualsiasi controversia deve intendersi competente il Foro di Trieste

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It is suitable for any interior and exterior application considering its excellent durability. It was, and is being used for paving, facing, staircases, fittings, ornamental works, borderstones, and so on.

Chemical, physical and mechanical properties

a) Calcium carbonate:	99.18%
b) Magnesium carbonate:	0.41%
c) Iron carbonate:	0.03%
d) Weight per unit of volume:	2644 kg/m ³
e) Imbibition coefficient:	13 %
f) Compression breaking load:	
- in natural condition:	1734 kg/cm ²
- after freezing cycles:	1605 kg/cm ²
g) Tensile strength:	190 kg/cm ²
h) Impact resistance:	34 cm
i) Wear resistance:	1.70/3.24 mm
l) Thermal linear expansion coefficient:	0.0043 mm/ml/°C

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