

CAVA ROMANA



OUR MARBLES

CHEMICAL, PHYSICAL AND MECHANICAL PROPERTIES	AURISINA GRANITELLO	AURISINA ROMAN STONE	AURISINA FIORITA	AURISINA CHIARA	REPEN CLASSICO	AURISINA FIORITELLO	AURISINA LUMACHELLA
CALCIUM CARBONATE	99,41%	99,18%	99,12%	99,51%	97,79%	99,51%	99,12%
MAGNESIUM CARBONATE	0,41%	0,41%	0,83%	0,41%	1,71%	0,41%	0,83%
IRON CARBONATE	0,00%	0,03%	0,04%	0,08%	0,04%	0,08%	0,04%
WEIGHT PER UNIT OF VOLUME	2624 kg/m ³	2644 kg/m ³	2636 kg/m ³	2630 kg/m ³	2681 kg/m ³	2630 kg/m ³	2636 kg/m ³
IMBIBITION COEFFICIENT	12‰	13‰	10,6‰	11,8‰	2,5‰	11,8‰	10,6‰
COMPRESSION BREAKING LOAD							
- IN NATURAL CONDITION	1537 kg/cm ²	1734 kg/cm ²	1455 kg/cm ²	1755 kg/cm ²	1890 kg/cm ²	1755 kg/cm ²	1455 kg/cm ²
- AFTER FREEZING CYCLES	1501 kg/cm ²	1605 kg/cm ²	1607 kg/cm ²	1745 kg/cm ²	1800 kg/cm ²	1745 kg/cm ²	1607 kg/cm ²
TENSILE STRENGTH	140 kg/cm ²	190 kg/cm ²	137 kg/cm ²	151 kg/cm ²	170 kg/cm ²	151 kg/cm ²	137 kg/cm ²
IMPACT RESISTANCE	35 cm	34 cm	31 cm	34 cm	39 cm	34 cm	31 cm
WEAR RESISTANCE	1,70/3,35 mm	1,70/3,24 mm	1,60/3,22 mm	1,76/3,37 mm	1,57/2,79 mm	1,76/3,37 mm	1,60/3,22 mm
THERMAL LINEAR EXPANSION COEFFICIENT	0,0037 mm/ml/°C	0,0043 mm/ml/°C	0,0044 mm/ml/°C	0,0043 mm/ml/°C	0,0042 mm/ml/°C	0,0043 mm/ml/°C	0,0044 mm/ml/°C
USES							
CONSTRUCTION	✓	✓	✓	✓	✓	✓	✓
DECOR	✓	✓	✓	✓	✓	✓	✓
ARTISTIC FEATURES	✓	✓	✓	✓	✓	✓	✓
EXTERIOR PAVING	✓	✓	✓	✓	✓	✓	✓
RESIDENTIAL PAVING	✓	✓	✓	✓	✓	✓	✓
COMMERCIAL PAVING	✓	✓	✓	✓	✓	✓	✓
FACADES	✓	✓	✓	✓	✓	✓	✓
CLADDING	✓	✓	✓	✓	✓	✓	✓
DECORATIVE FUNCTIONS	✓	✓		✓	✓		
BATHROOMS	✓	✓		✓	✓		
KITCHENS	✓	✓		✓	✓		
URBAN DECOR	✓	✓		✓	✓		
ORNAMENTAL WORK	✓	✓	✓	✓	✓	✓	✓
WALL TILES	✓	✓	✓	✓	✓	✓	✓
OPTION TO PROVIDE OPEN VEIN SLABS	✓		✓				✓

MEASUREMENTS

All our marbles are supplied according to the required sizes and types.