

ARINI

S T O N E S

E V E R Y T H I N G I S E N E R G Y



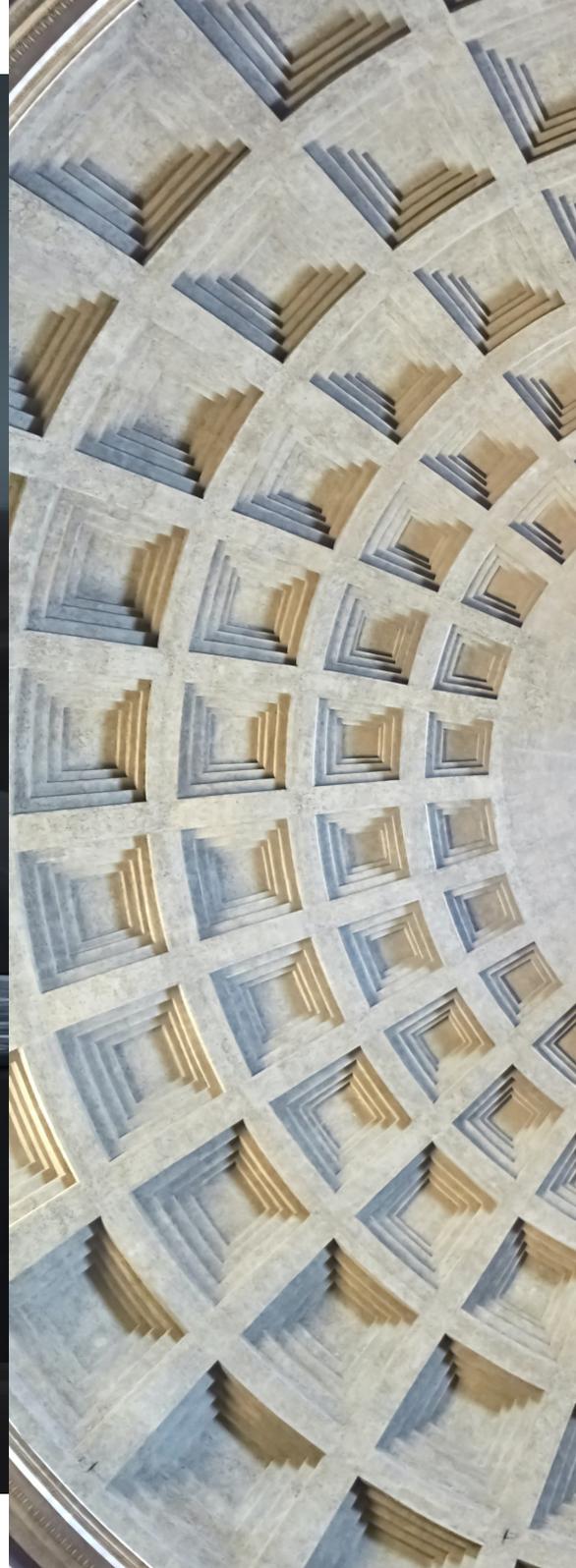
Our company is located in North Macedonia, with our own excavation place in the mountain. This place is famous for the high quality stone. Our main product is Travertine which is produce in block or tiles, matte or glossy.

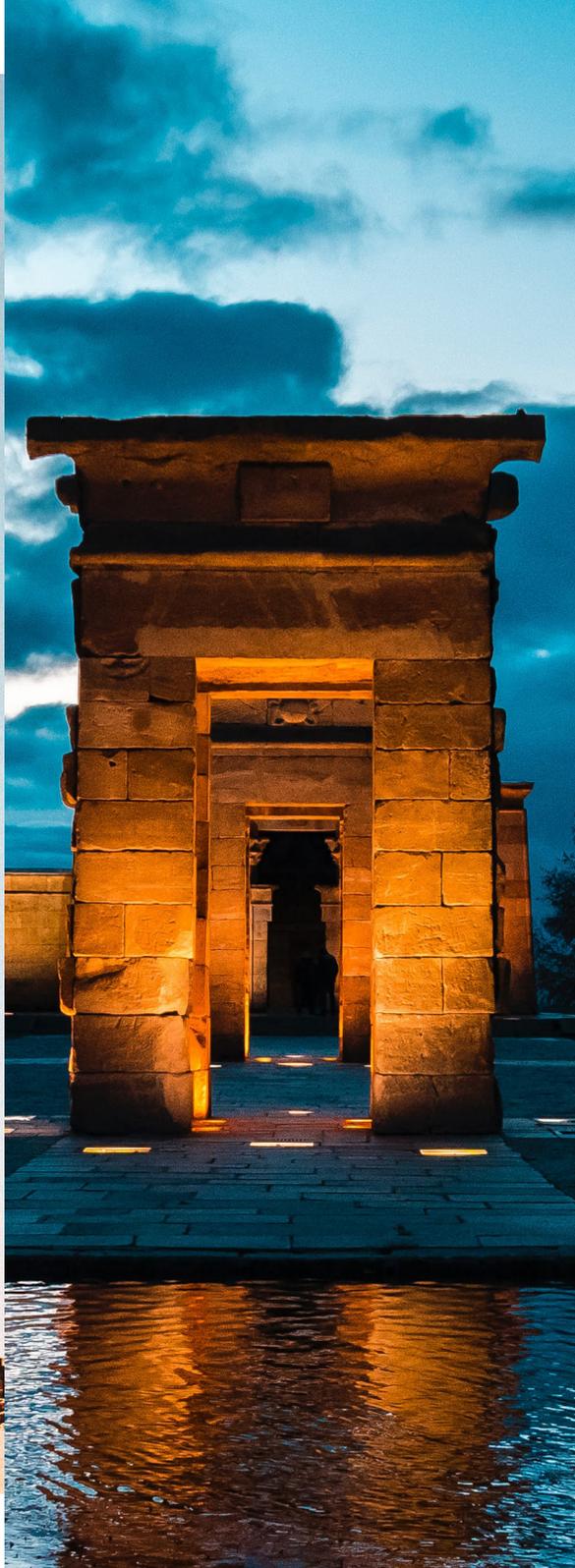
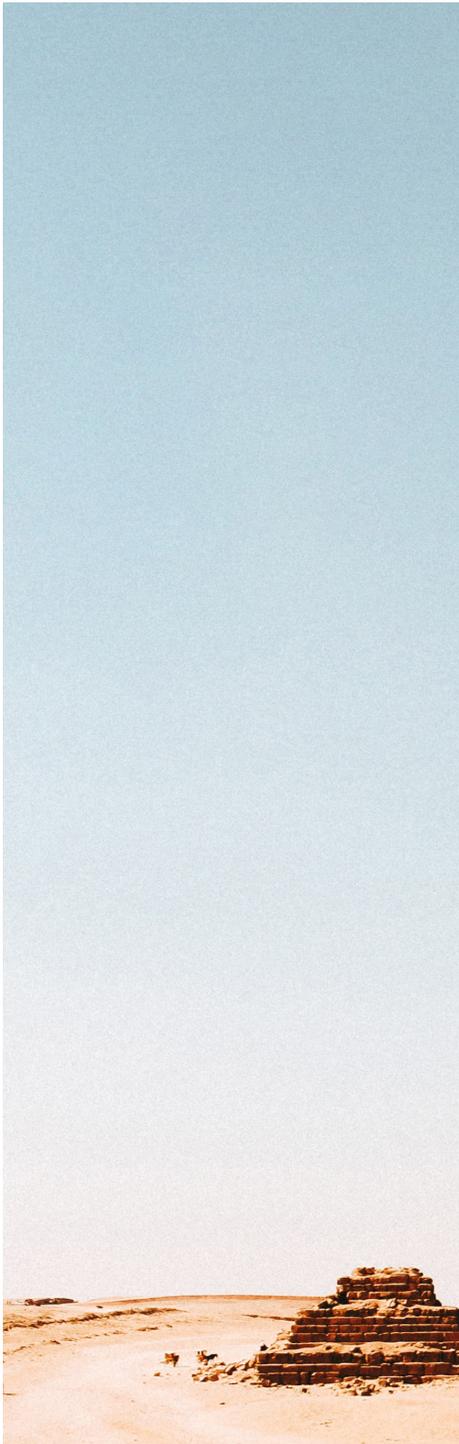
The basic material composition of the Travertine is 91.19% Calcium Carbonate (CaCO_3) and 3.43% Magnesium Carbonate (MgCO_3) known for many uses, which is famous for the human-friendly material and naturally ecological. It's 'easy to use' and durability are his best feature. Time goes in favors to his appearance compare with some other natural materials of his kind.

Some believe that we were created by the Big Bang. Some believe that God made us out of dust.

But whatever the theory we consider the essence of man does not change.

Man will always be made up of the same ingredients as earth, water, stones, plants and animals.





It is not coincidence that the most famous pyramids in the world were created with travertine bubbling stones of endurance full of energy.

This material is not a random choice which the Colloseum in Rome, Hierapolis in Turkey, the Basilica of Sacre-Coeur in Monmart and many others were built with Travertine. The colour range goes from light beige to gray brown.



I N T E R I O R



Our stone is natural therefore home to the human body. It's energy combines with our trial and adapts to all conditions. She is beautiful and elegant in her own right. You don't need additions since it's simplicity and it's luxurious look define it as a work of art for every home.

“Nature is the source of all true knowledge.”

~ Leonardo da Vinci

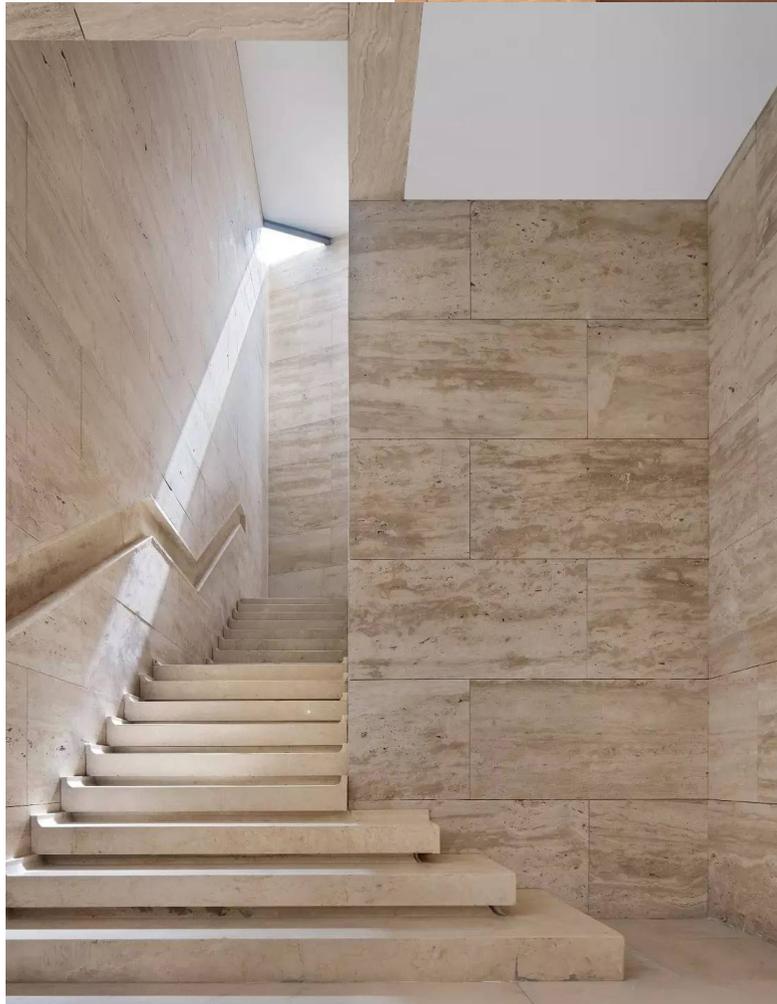
F U R N I T U R E



Many designers and manufacturers have returned to stone, for the production of furniture in a modern and classic line. Combining it, with other materials such as metal, glass or wood, and the result is simple elegance. Many tables are made with the technique that was used in 1600 year known as Ludovico design.

Jewelry for every home.

S T A I R S



Functionality, durability and luxury are combined in one natural rock, so for every stair, that poses this element become not only decorative stones, it becomes an element with great resistance to time, and as the time pass, they become more precious, same like the old antiques, full of energy and memory for centuries.

**“Small shifts in your thinking,
and small changes in you
energy, can lead to massive
alterations of your end result”**

~ Kevin Michel



P A V I N G
S T O N E S

Indeed, a very romantic man beyond the romantic but also an example of an old culture, it is of course worthy of him.

In all countries, for centuries, stones has been and still are, the best choice for paving.

The cobblestones on the islands are the living example of their utilization. A traditional material with thousands of uses

E X T E R I O R C L A D D I N G & S W I M M I N G P O O L S



In recent years, manufacturers as well as architects, choose natural materials for the cladding of buildings due to better aesthetics and durability, and the stones are the best choice, as well as swimming pools since he does not lose his natural shape.

The pool (water) with the stone is so familiar to man and the feeling is the embrace of mother earth.

Internally the energy of the stones connects with our energy and become one.

Our stones are beautiful and elegant without need of additions, since its simplicity and its luxurious look, it's define as a work of art for every home.



B A T H R O O M



Water has memory, the body has memory and energy. When the energy of the water comes in touch with the natural stone, the body remembers and gets wet in a very intimate environment. In its own environment the body remembers it's origin. in this state the body feels numb, travertine for the bathroom.

**Our stone is natural therefore
it's familiar to the human body.**



S A M P L E S
O F O U R W O R K



Q U A L I T I E S



CREMA



NOCE



ONICIATO

T E S T S & A N A L Y S E S

CHEMICAL ANALYSIS

SiO ₂	- 0,10	K ₂ O	- 0,02
Al ₂ O ₃	- 0,11	P ₂ O ₅	- 0,62
Fe ₂ O ₃	- 0,17	moisture (110°)	- 0,035
MnO	- 0,096	loss in heat	- 45,89
MgO	- 1,64	Total	- 99,283
CaO	- 51,10	CaCO ₃	- 91,19
Na ₂ O	- 0,04	MgCO ₃	- 3,43

POINT LOAD TEST

Project: Arini Stones

Rock Type: Travertine

$$\gamma = 23,79 \text{ kN/m}^3$$

I perpendicular to the layers

II parallelo the layers

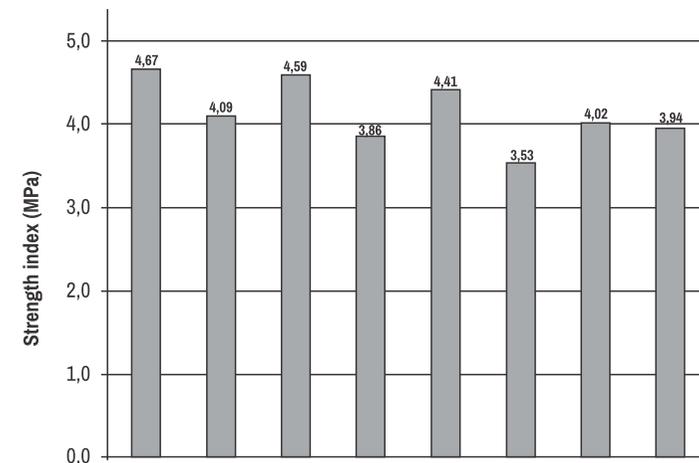
Notice: natural condition

Sample dimensions

No.	D ₁ (mm)	W ₁ (mm)	W ₂ (mm)	W _{sr} (mm)	P (bar)	
1.	37,00	51,00	51,00	51,00	78,00	I
2.	34,00	51,00	51,00	51,00	64,00	I
3.	35,00	43,00	39,00	41,00	62,00	I
4.	37,00	50,00	45,00	47,00	61,00	I
5.	28,00	52,00	36,00	44,00	53,00	II
6.	26,00	52,00	36,00	44,00	40,00	II
7.	30,00	51,00	35,00	43,00	50,00	II
8.	27,00	51,00	37,00	44,00	46,00	II

Strength values

No.	D _e (mm)	J _s (Mpa)	J _{s(50)} (Mpa)	● _p (mm)	● _r (mm)	
1.	49,02	4,71	4,67	102,64	7,00	I
2.	46,99	4,20	4,09	89,92	6,13	I
3.	42,74	4,92	4,59	100,87	6,88	I
4.	47,30	3,95	3,86	84,82	5,78	I
5.	39,61	4,90	4,41	97,05	6,62	II
6.	38,17	3,98	3,53	77,58	5,29	II
7.	40,53	4,41	4,02	88,35	6,02	II
8.	38,89	4,41	3,94	86,64	5,91	II





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**Krusevski pat bb, Prilep
North Macedonia**

arinistones@gmail.com
info@arinistones.com

+389 48 40 10 71

www.arinistones.com