



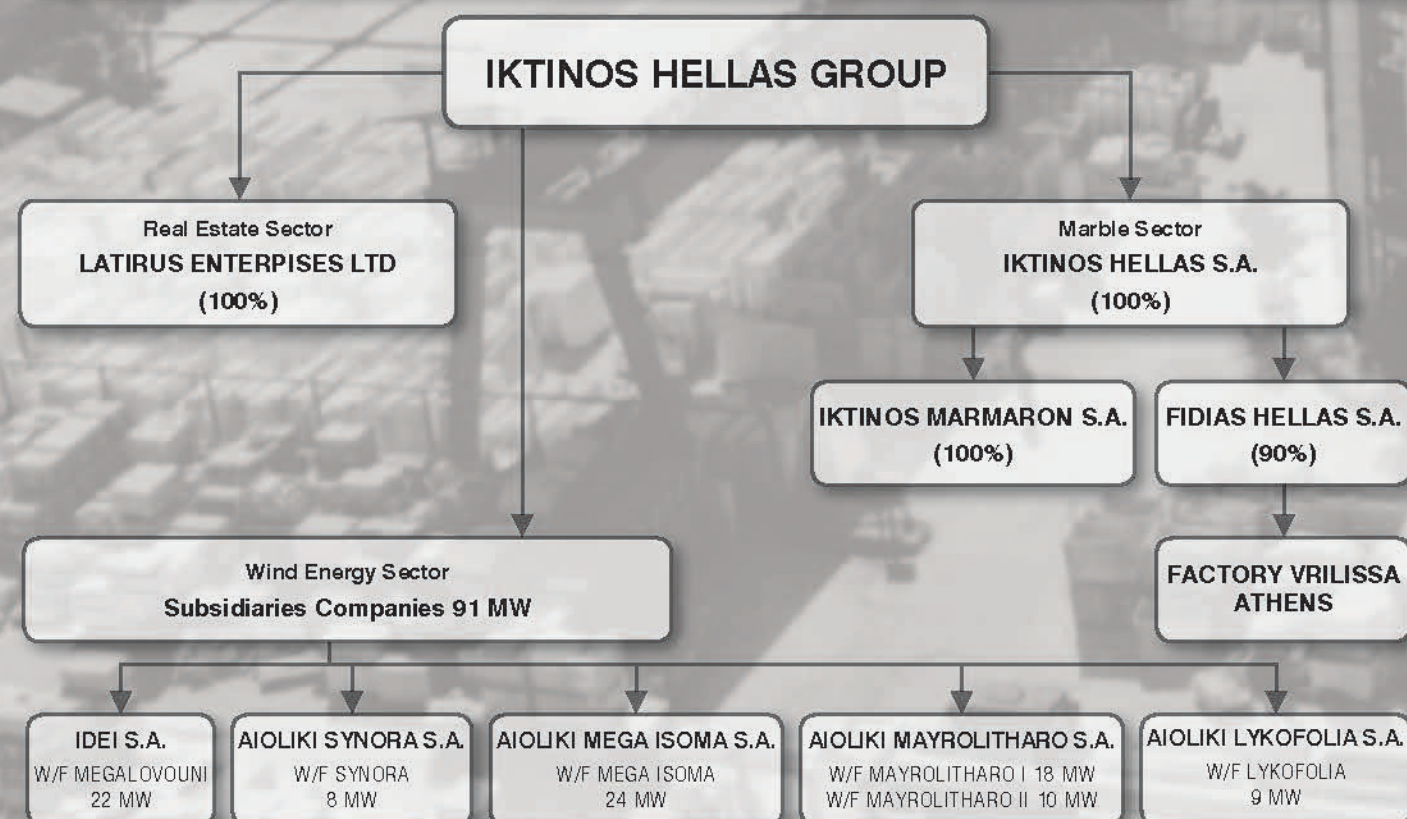
GROUP OF COMPANIES

IKTINOS HELLAS S.A.

GREEK MARBLE INDUSTRY

The company **IKTINOS HELLAS S.A.** is listed on Athens Stock Exchange market, whose main activity is mining - cutting and processing marble. Through its subsidiaries companies, IKTINOS HELLAS S.A. is engaged in Real Estate and Wind Energy.

Group Structure



OWNED QUARRIES

- QUARRY THASSOS
- QUARRY THASSOS (PR)
- QUARRY GOLDEN SPIDER (*exclusive*)
- QUARRY VOLAKAS
- QUARRY NESTOS BEIGE, NESTOS GREY & NESTOS WHITE (*exclusive*)
- QUARRY MARVEL WHITE
- QUARRY KALLISTON - PIRGON
- QUARRY APIA GREY - BROWN

OWNED FACTORIES

- METAMORFOSSIS ATHENS
- INDUSTRIAL AREA DRAMA
- FIDIAS VRILISSIA ATHENS

OWNED WAREHOUSES

- LIMMATA ATHENS
- ELEONAS THIVA
- MARKOPOULO ATHENS

OWNED QUARRIES

• Quarry G. Spider



I. GOLDEN SPIDER MARBLE PLATANOTOPOS, KAVALA

1st quarry, 42.3 acres
 2nd quarry, 46.3 acres
 Total area: 88.6 acres
 Verified exploitable reserves: 600,000 m³
 Annual production: 24,000 m³
 Exploitation duration: 25 years

• Quarry Kalliston - Pirgon



V. KALLISTON - PIRGON

Total Area: 99,5 acres
 Verified exploitable reserves: 375,000 m³
 Annual production: 15,000 m³
 Exploitation duration: 25 years

• Quarry Thassos



II. THASSOS MARBLE - THASSOS

Area: 37.7 acres
 Verified exploitable reserves: 150,000 m³
 Annual production: 6,000 m³
 Exploitation duration: 25 years

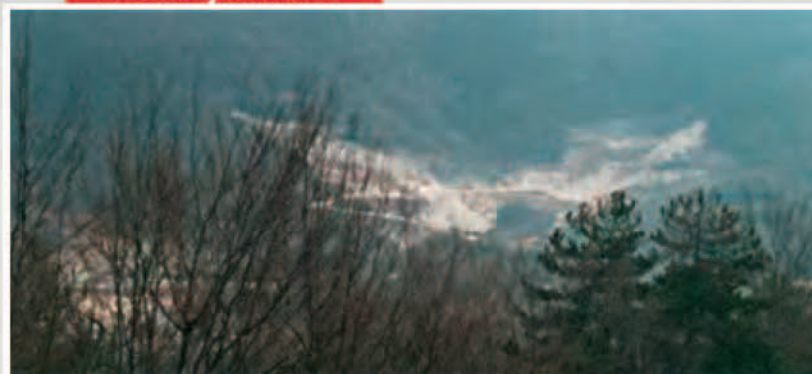
• Quarry Thassos (PR)



VI. THASSOS (PR)

Total Area: 41,04 acres
 Verified exploitable reserves: 150,000 m³
 Annual production: 10,000 m³
 Exploitation duration: 15 years

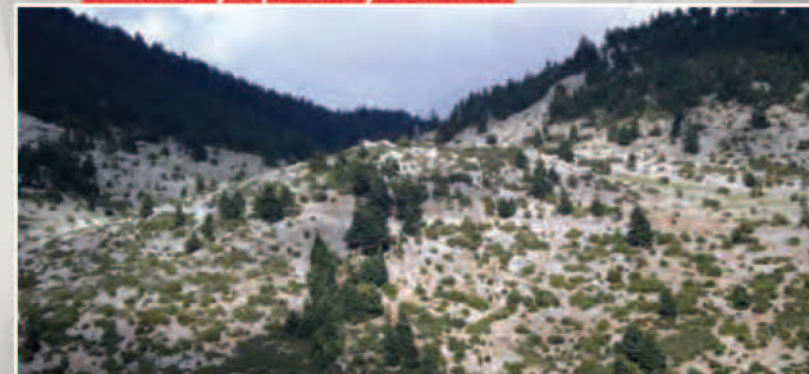
• Quarry Volakas



III. VOLAKAS MARBLE - DRAMA

Area: 68.4 acres
 Verified exploitable reserves: 750,000 m³
 Annual production: 30,000 m³
 Exploitation duration: 25 years

• Quarry Apla Grey - Brown



VII. APIA GREY - BROWN

Total Area: 99,6 acres
 Verified exploitable reserves: 400,000 m³
 Annual production: 10,000 m³
 Exploitation duration: 40 years

• Quarry Nestos



IV. NESTOS MARBLE

1st quarry, 97.3 acres
 2nd quarry, 98.1 acres
 Total area: 195.4 acres
 Verified exploitable reserves: 1,000,000 m³
 Annual production: 12,000 m³
 Possible extension of exploitation: 25 years

• Quarry Marvelous White



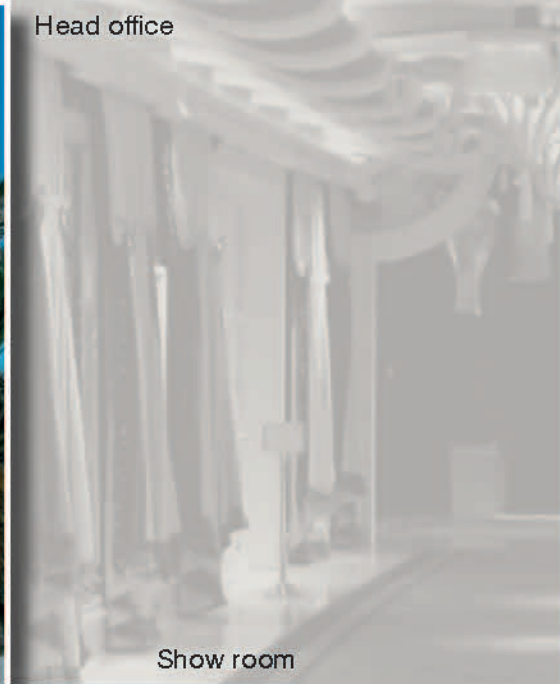
VIII. MARVELOUS WHITE

Total Area: 100 acres
 Verified exploitable reserves: 150,000 m³
 Annual production: 10,000 m³
 Exploitation duration: 15 years

ALL TYPES OF GREEK MARBLE



Head office



Show room

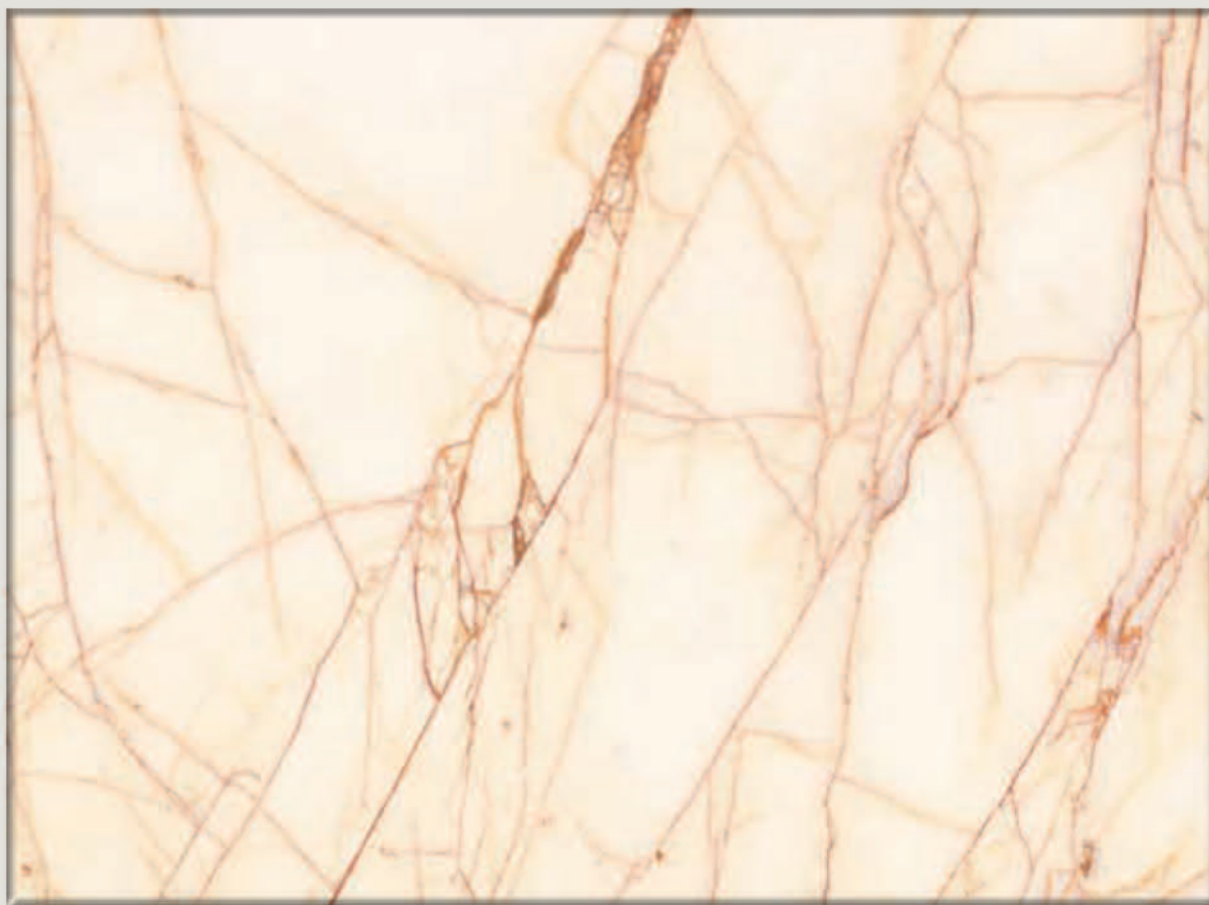


» Volakas Diagonal



» Volakas Flower





» Golden Spider



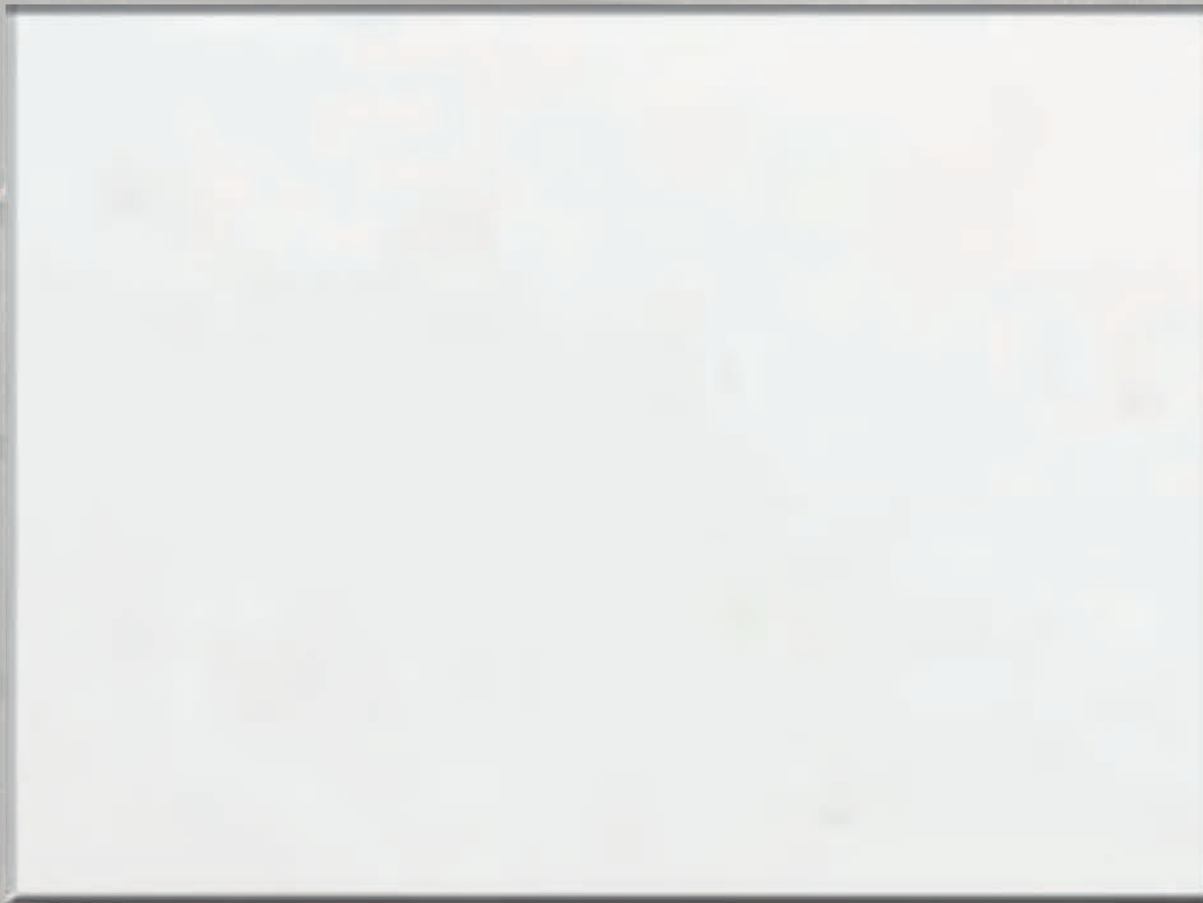
» Nestos Beige



» Nestos White



» Nestos Grey



» Thassos Pure White



» Apia Grey - Brown



» Thassos (PR)



» Kalliston - Pirgon

ALL TYPES OF GREEK MARBLE



» Silver Grey



» Era Grey



» Dama Grey



» Aliveri Grey



» Penteliko White



» Sivec



» Kavala Semi White (Stenopos)



» Thassos Crystal Semi-White (Astir)

ALL TYPES OF GREEK MARBLE



» Volos Cloudy Pink



» Silver Cloud



» Lygourio Light



» Lygourio Dark



» Didyma



» Karnis Special



» Ioannina Beige (Klimatias)



» Vratsa

ALL TYPES OF GREEK MARBLE



»» Skyros Multicolour



»» Styra Green Cloudy



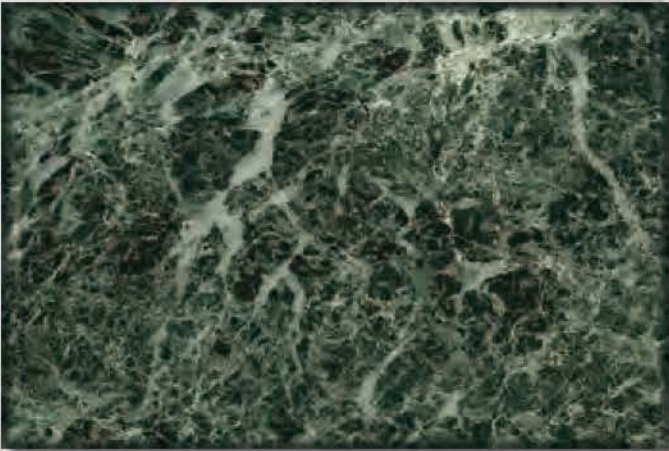
»» Ritsona Yellow



»» Parnon



»» Beige Limestone



»» Tinos Green



»» Ritsona Red



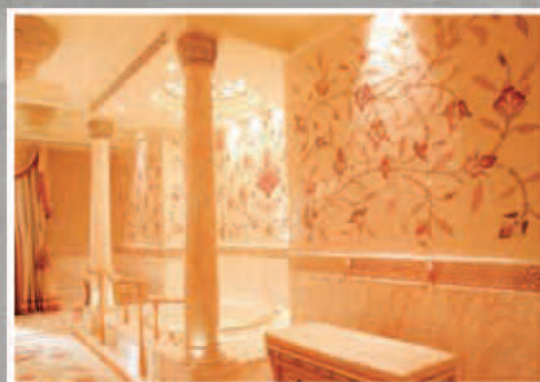
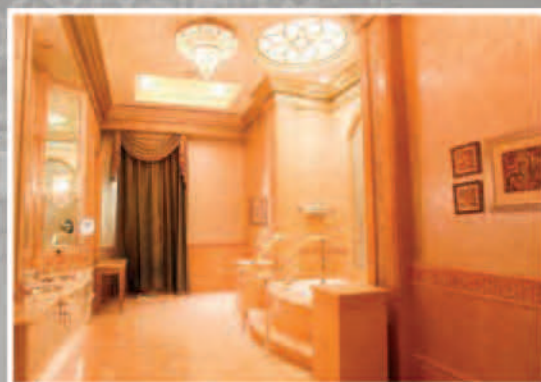
»» Levadia Black

Marble Name	Physical - Mechanical Properties					Chemical Analysis (%)										Mineralogical Comp (%W)		
	Apparent Specific Weight	Absorption Coefficient	Compressive Strength (Dry C)	Modulus of Rupture (Dry C)	Abrasion Resistance	CaO	MgO	SiO ₂	Fe ₂ O ₃	Al ₂ O ₃	K ₂ O	Na ₂ O	MnO	LOI	Calcite	Dolomite	Quartz	
Golden Spider	2776 Kg/m³	0,20 %wt	1598 Kg/cm²	133 Kg/cm²	3,71 mm	30,00	20,80	1,20	0,20	0,16	0,01	0,04	0,02	46,10	5	95		
California	2460 Kg/m³	3,1 %wt	1020 Kg/cm²	158 Kg/cm²														
Thassos Pure White	2830 kg/m³	0,14 %wt	95,00 MPa	12,00 MPa	3,61 mm	31,60	19,20	0,20	<0,05	<0,05	<0,01	<0,01	0,01	46,60	4	95		
Thassos (PR)	2830 kg/m³	0,14 %wt	95,00 MPa	12,00 MPa	3,61 mm	31,60	19,20	0,20	<0,05	<0,05	<0,01	<0,01	0,01	46,60	4	95		
Volakas	2825 kg/m³	0,19 %wt	139,00 MPa	10,00 MPa	2,20 mm	32,00	19,00	0,20	<0,05	<0,05	<0,01	0,01	0,01	46,80	9	91		
Apia Grey - Brown																		
Penteliko White	2717 Kg/m³	0,11 %wt	111,00 MPa	19,00 MPa	6,69 mm	54,80	1,55	1,10	0,14	0,20	0,09	0,04	0,02	43,05	98		0,5	
Kallisto - Pirgon	2846 Kg/m³	0,17 %wt	142,5 MPa	14,18 MPa	3,51 mm	34,00	18,40	0,50							15	89	2	
Kavala Semi White (Sienopos)	2711 kg/m³	0,09 %wt	59,00 MPa	16,00 MPa	1,94 mm	54,50	0,64	0,20	<0,05	<0,05	<0,01	0,01	<0,01	43,60	97	1		
Nestos	2680 kg/m³	0,09 %wt	77,00 MPa	17,00 MPa	6,16 mm	55,00	0,50	0,70	0,11	0,20	0,02	0,03	0,01	43,50	97	1	2	
Thassos Crystal Semi-White (Asir)	2714 kg/m³	0,05 %wt	60,00 MPa	9,00 MPa	2,20 mm	53,50	1,92	0,50	0,05	0,11	<0,01	0,01	0,01	43,44	95	3		
Volos Cloudy Pink	2650 kg/m³	0,07 %wt	81,00 MPa	17,00 MPa	5,41 mm	55,30	0,09	0,02	0,05	0,02	0,02	0,04	0,00	43,42	99	1		
Ioannina Beige (Kimañas)	2623 kg/m³	0,65 %wt	135,00 MPa	8,00 MPa	3,89 mm	54,50	0,30	1,00	0,21	0,32	0,00	0,00	0,05	43,50	98	1	1	
Karnazeika Beige	2710 kg/m³	0,26 %wt	96,00 MPa	14,00 MPa	2,88 mm										95	3	1	
Silver Grey	2680 Kg/m³	0,08 %wt	69,00 MPa	14,00 MPa		53,50	0,66	2,00	0,15	0,21	0,03	0,02	0,02	43,30	96	3		
Styra Green Cloudy	2721 kg/m³	0,10 %wt	106,00 MPa	15,00 MPa	6,37 mm	51,00	0,70	6,40	0,60	1,15	0,30	0,10	0,10	40,45	95	3	1	
Tinos Green	2802 Kg/m³	0,41 %wt	111,00 MPa	24,00 MPa	2,50 mm	23,50	22,50	24,00	5,60	0,60	0,04	0,04	0,11	23,50	35	1		
Ritsona Red	2720 kg/m³	0,04 %wt	107 MPa	16,00 MPa	2,00 mm	49,00	3,55	3,20	0,53	1,00	0,22	0,03	0,01	42,50	92	7	1	
Ritsona Yellow	2680 kg/m³	0,22 %wt	98,00 MPa	14,00 MPa	2,20 mm	52,50	0,93	2,10	0,36	0,50	0,05	0,01	0,01	43,10	97	2	1	
Levadia Black	2690 Kg/m³	0,54 %wt	106,00 MPa	15,00 MPa	5,59 mm	54,50	0,70	1,00	0,10	0,26	0,04	0,09	0,00	43,50	96	4		
Alivry Grey	2714 Kg/m³	0,12 %wt	99,00 MPa	19,00 MPa	7,54 mm	54,30	0,90	0,13	0,28	0,60	0,12	0,03	0,02	43,00	93	4	2	
Vratsa	2700 kg/m³	3,78 %wt	787 kg/cm²	108 kg/cm²														
Beige Limestone	2720 kg/m³	4,11 %wt	400/600 kg/cm²	117 kg/cm²														
Ligourio Light	2754 kg/m³	0,11 %wt	90 kg/cm²	17,00 kg/cm²	6,12 mm	54	0,47	0,90	0,12	0,09	0,02	0,10	0,00	43,50	96,00	3,00	1,00	
Ligourio Dark	2754 kg/m³	0,11 %wt	90 kg/cm²	17,00 kg/cm²	6,12 mm									41,90				
Silver Cloud	2734 kg/m³	0,11 %wt	110 kg/cm²	24,00 kg/cm²	8,48 mm	53,3	0,55	0,08	0,28	0,40	0,02	0,04	0,01	43,45	98			
Skyros	2712 kg/m³	0,05 %wt	109,4 kg/cm²	64,2 kg/cm²		53,55	0,65	0,67	1,00	0,47	0,05	0,04	0,02		27,18	0,50		
Parnon	2716 kg/m³	0,11 %wt	107 kg/cm²	30 kg/cm²	2,52 mm	55	1	0,4	0,1	0,14	0,01	0,01	0,01	42,72	98	1	1	
Didyma	2720 kg/m³	0,27 %wt	110 kg/cm²	312kg/cm²	2,81 mm	53	0,83	1,72	0,43	0,38	0,04	0,03		42,50	95	1	2	

Data Sources: 1. Institute of Geology and Mineral Exploration (igme) 2. Official institutes for imported marble

Our Projects

- ▼ Emirates Pallace Abu Dhabi
Golden Spider

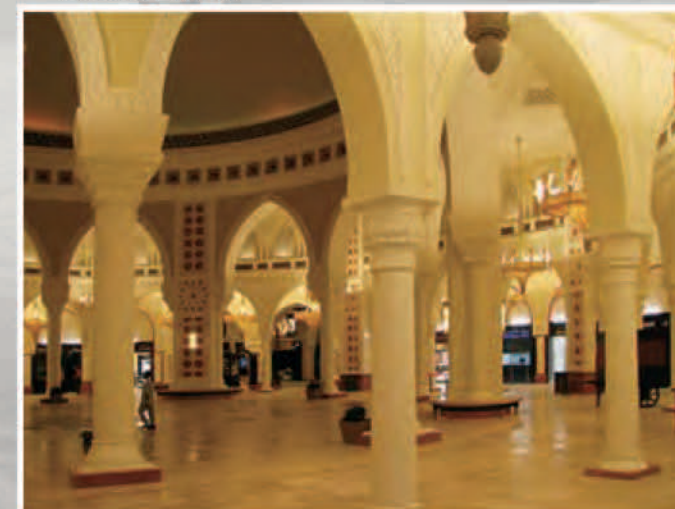


- ▲ Teatro Munincipal Peru
Volakas – Kalliston



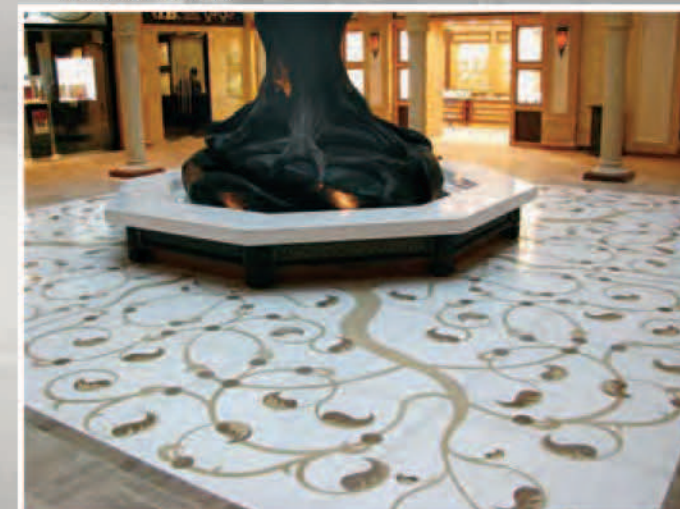
- ▲ San Judas Church Mexico
Volakas – Kalliston

- ▼ Dubai Mall U.A.E
Thassos White



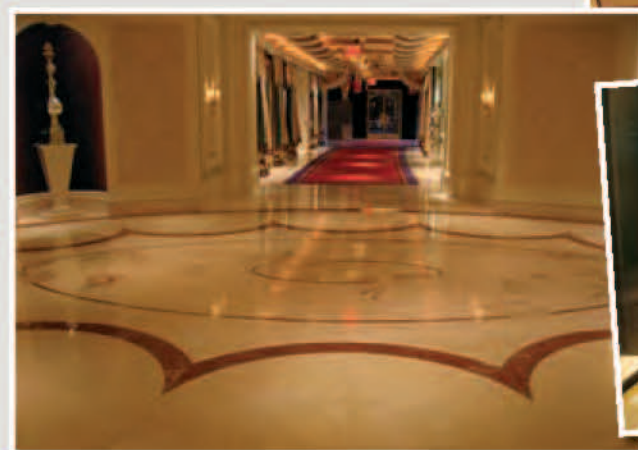
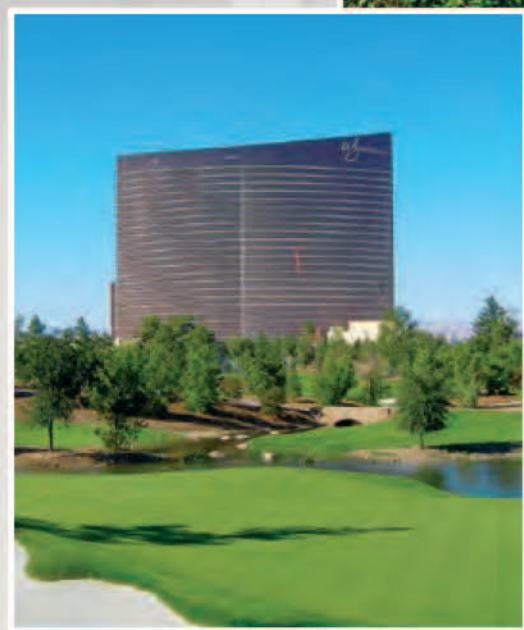
- ▲ Sofitel Beijing
Golden Spider

- ▼ Dubai Mall U.A.E
Thassos White

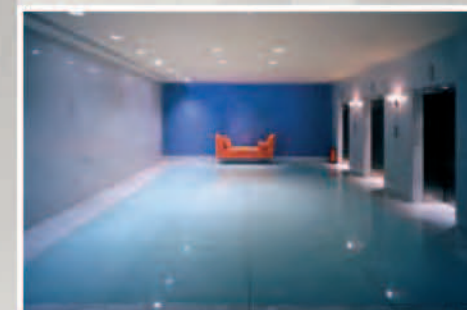


Our Projects

Wynn Hotel Las Vegas
 Golden Spider



▲ Wynn Macau Hotel
 Golden Spider



▲ Astir Vouliagmenis Hotel,
 Vouliagmeni



▼ International Theater Of Catalunya Barcelona
 Volakas



▼ Reinhold Tower, Madrid
 Thassos

▼ Melia Hotel Athens
 Golden Spider



▲ D.G.A.C Paris
 Volakas



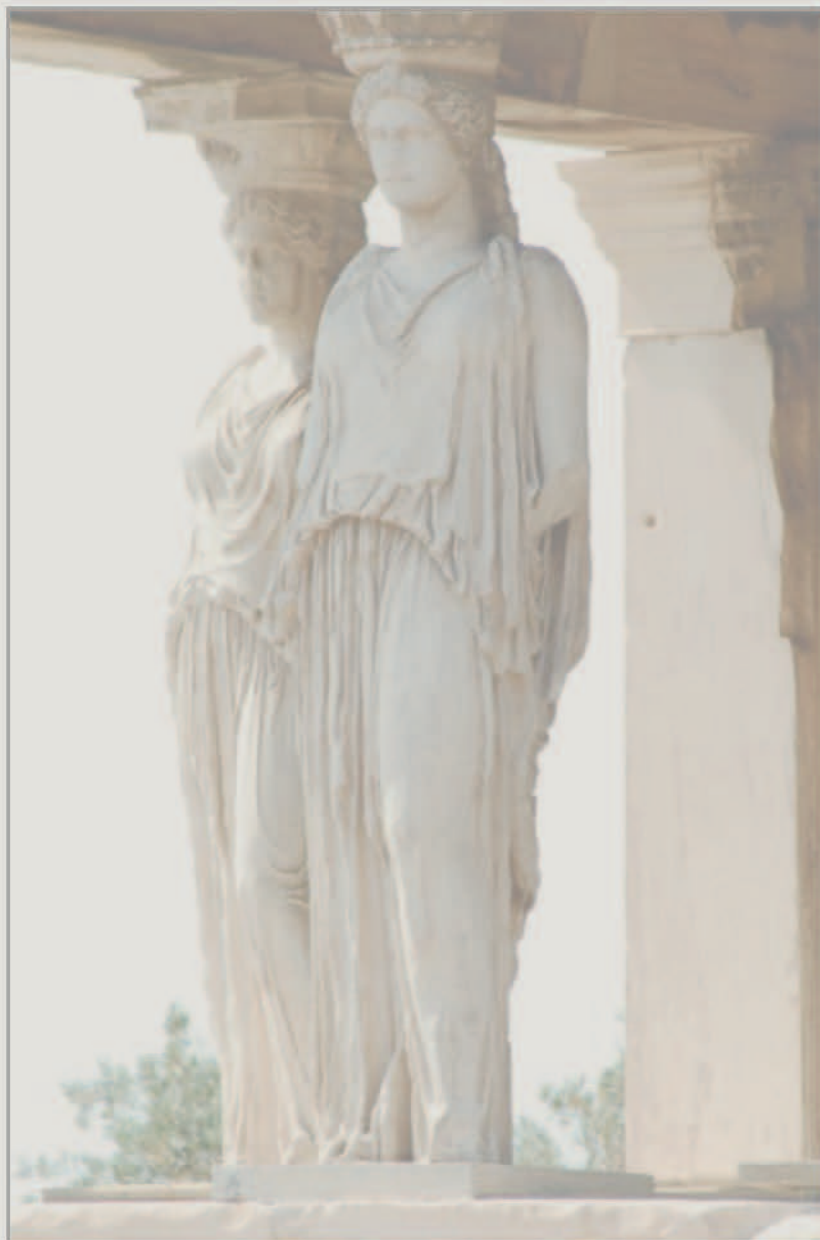
▲ International Airport Barcelona
 Thassos white



▲ Municipal Palace of Congress Madrid
 Volakas



▲ Prince Palace of Jeddah
 Thassos



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