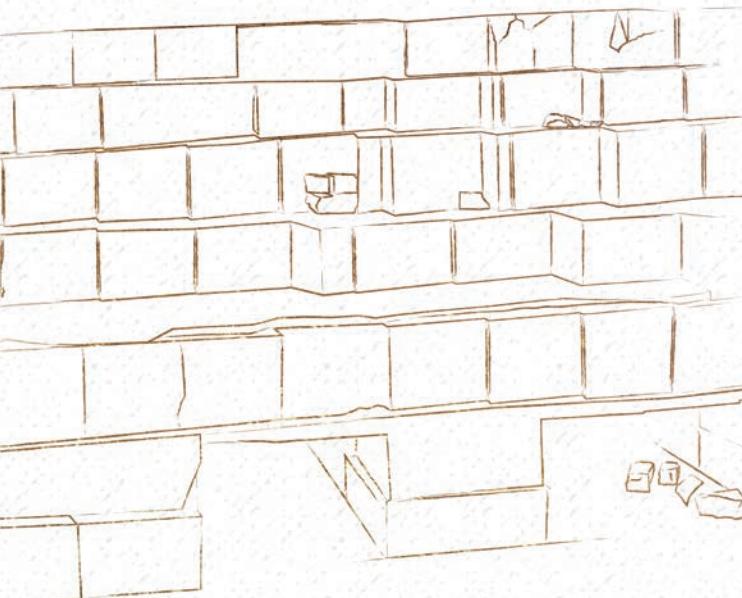
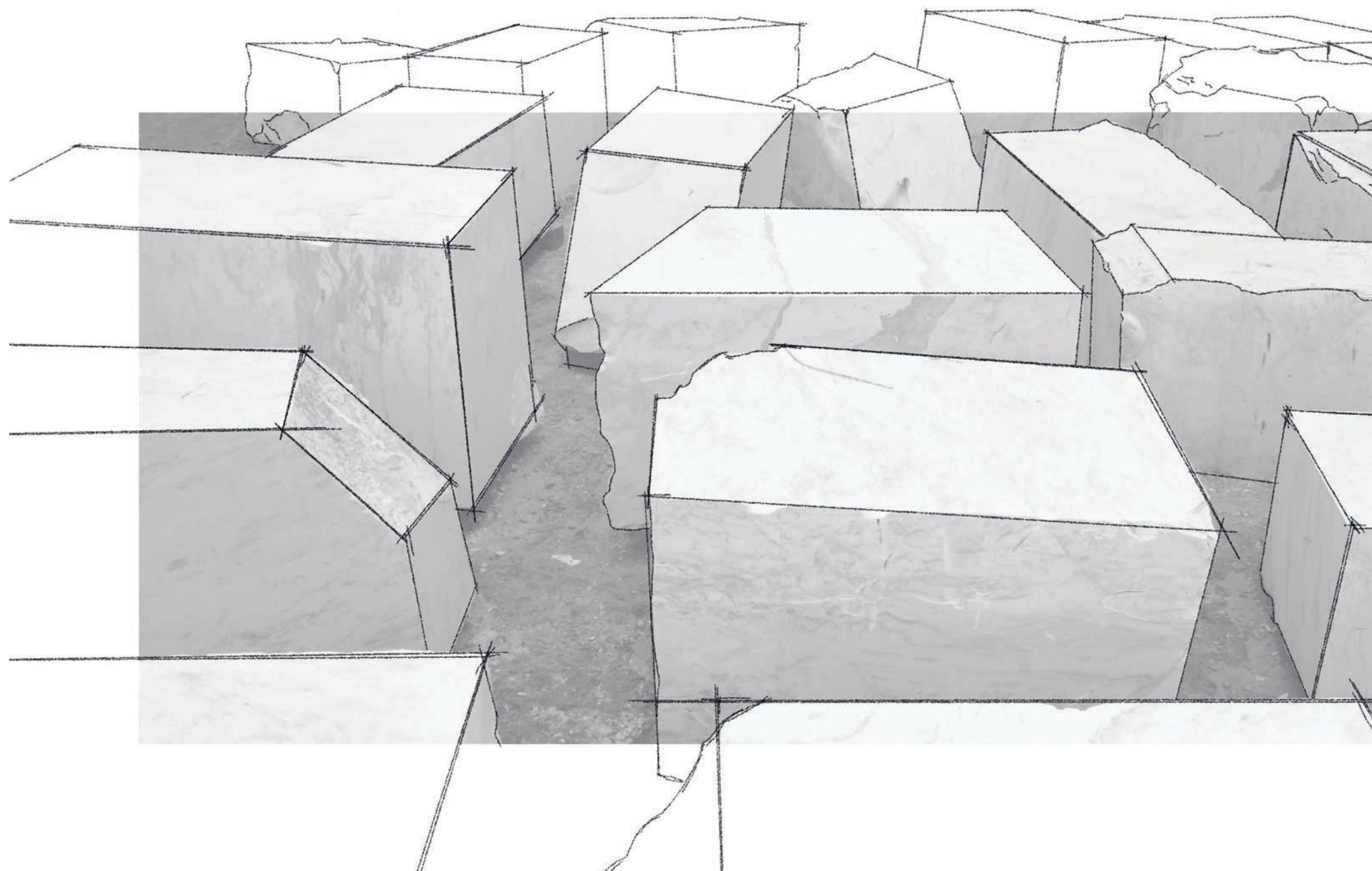


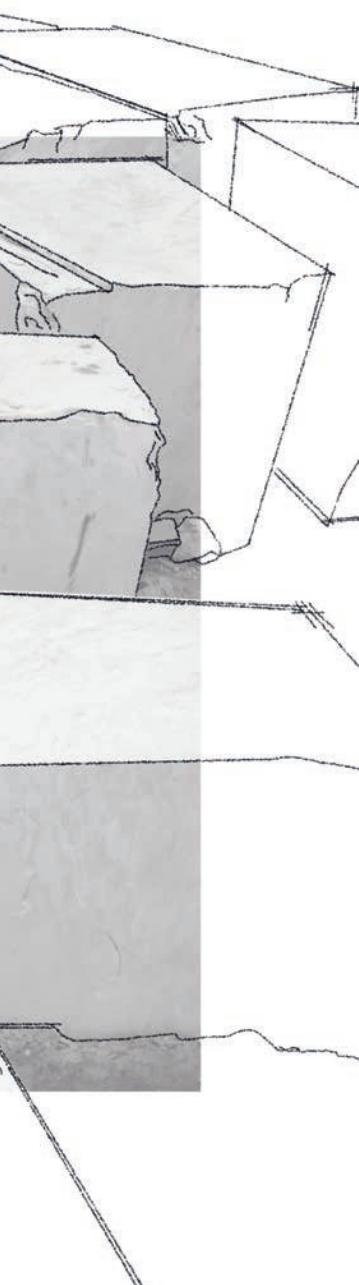


## THE QUARRIES



*world of white*





## MADE FOR ETERNITY

Marble is one of the most eternal construction materials in the history of mankind. The astonishing sculptures and monuments that last through time, in order to show us their uniqueness, combining nature's beauty and man's virtuosity, leave their footprint in history.

The fascination marble and especially white marble is providing, derives from the imposing beauty, luxury, and eternity it symbolizes. Even the word "marble" itself, which derives from the Ancient Greek word μάρμαρος (mármaros), means "crystalline rock, shining stone, to flash, sparkle, gleam".





## **WELCOME TO F.H.L. I. KIRIAKIDIS MARBLES - GRANITES S.A. AND TO OUR WHITE MARBLE WORLD**

The present brochure has been combined with an application of Augmented Reality (AR), which gives you beside the printed texts, the possibility, to experience audiovisual media, while viewing the brochure through your smartphone or tablet.



**To experience this unique assets, please scan the QR code to download the especially for the F.H.L. brochure created app.**

\* This application has to have access to the camera of your device, through which, while pointing on the pictures of the brochure, you will be able to see videos and 3D objects F.H.L. has created for you.

## **EXPERIENCE WHITE MARBLE BEYOND ANY EXPECTATION!**

### **Definition:**

Augmented reality (AR) is used to enhance natural environments or situations and offer perceptually enriched experiences.

AR reality is an interactive experience of a real-world environment where the objects that reside in the real-world are “augmented” by computer-generated perceptual information, sometimes across multiple sensory modalities, including visual, auditory, haptic, somatosensory, and olfactory.

The primary value of augmented reality is that it brings components of the digital world into a person’s perception of the real world, and does so not as a simple display of data, but through the integration of immersive sensations that are perceived as natural parts of an environment.



Wherever you will encounter this sign you have the opportunity to experience AR.



# VOLAKAS QUARRY

## LEADING THE WHITE MARBLE WORLD

Within the mountainside of Falakro nearby Drama city in Northern Greece, F.H.L. has managed to create a quarry of outstanding production capability, working all around the year in 2 shifts per day.

The F.H.L. VOLAKAS marble which is quarried there is named after the nearby village. Having an all-white background with beautiful grey or brown veins, is also why it is known as the "Carrara of Greece". With a huge quarry area of over 120.000m<sup>2</sup>, F.H.L. has managed to control over 50% of the total Volakas marble production worldwide. The marble blocks are quarried open-pit, as well as underground, through tunnel excavation, which is giving a unique supplying capacity. Yearly, over 9.000 containers with marble blocks, equal to over 300.000 Tons, are quarried, processed, stuffed on spot and transported straight from the quarry, which is connected with asphalt streets to the national road network, to Thessaloniki port, in order to be shipped out all over the world.

## 白色大理石领域的领先者

F.H.L. 已成功在希腊北部城市德拉马附近的 Falakro 山腰建立了一个具备卓越生产能力的采石场，全年运作，每天 2 班。在该矿山开采的 F.H.L. 爵士白大理石以其附近的村庄命名。爵士白大理石全白色底，带有漂亮的灰色或褐色纹路，因此其也被称为“希腊的卡拉拉白”。

该矿山面积达 12 万平方米，F.H.L. 因此掌握了世界上超过 50% 的爵士白大理石生产。

大理石荒料从露天的山体开采，另外还在地下进行隧道式挖掘，这保证了我们独一无二的供应能力。

每年开采、加工 9,000 多个货柜（等同于 30 多万吨）的大理石荒料，在矿山现场装载荒料后即将所有货柜直接从矿山途径柏油路进入国家公路网运输到塞萨罗尼基港口，再通过海运方式运抵世界各地。



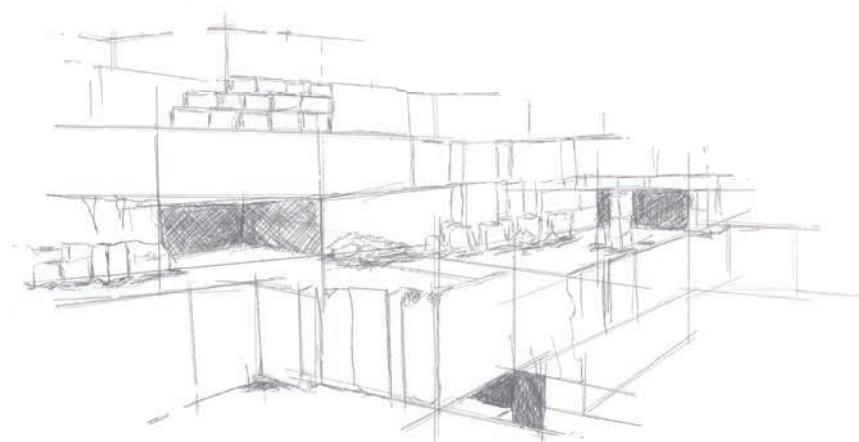


By investing continuously into new machinery and excavation methods, F.H.L. has introduced to Greece and its own quarries in 2013 Tunnel excavation as a very effective quarrying method. This method is not only ejecting the capacities to new levels ensuring simultaneously a much longer excavation period, but keeping also the all-around-the-year workflow up. The block outcome is protected from rainfalls, maintaining simultaneously its spotless characteristics. It ensures a high speed and quality selective excavation, lifting this way the average quality of the entire quarry. Furthermore the optical pollution of the environment is avoided and the flora and fauna protected by minimizing the wastage and the usage of water, explosives, lubricants and heavy machinery equipment.

F. H. L. 凭借对新设备和挖掘工艺的不断投入于 2013 年将隧道式挖掘这一高效采石技术引入希腊和其所有的矿山。隧道式挖掘不仅使 F. H. L. 的开采能力提升到新的水平，同时延长挖掘期，确保了全年的工作流程。荒料开采出后隔绝雨水以防污染，保证其完美无瑕疵的特质。此外，它还确保了快速优质的选择性挖掘，从而提高了整个采石场的平均质量。此外，避免了对环境的光学污染，通过最大限度地减少用水、炸药和润滑剂以及重型机械设备来保护动植物族群和避免造成浪费。

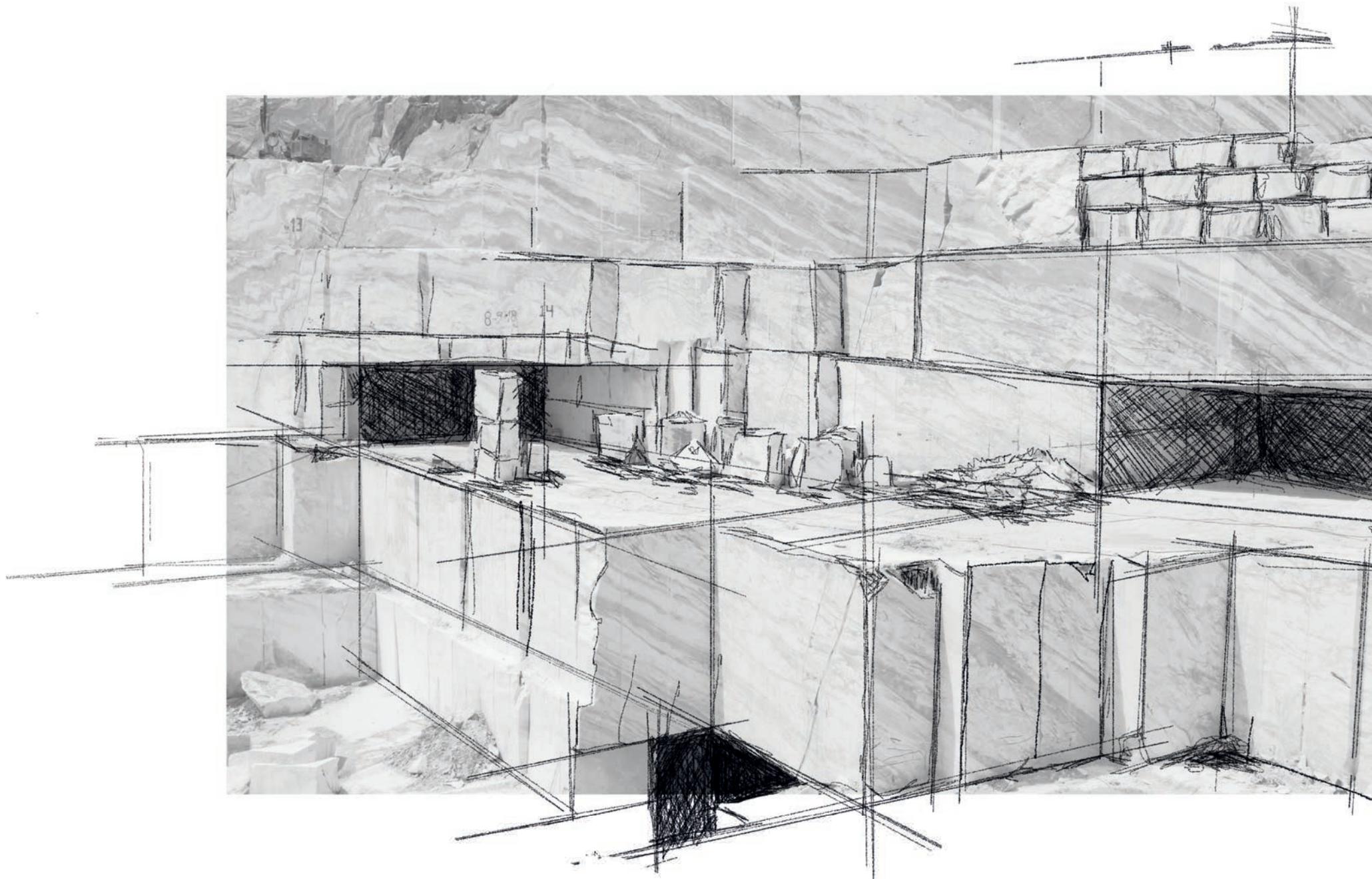
# TUNNEL EXCAVATION

## 隧道式挖掘



### REACHING INTO THE CORE

直抵核心



# TUNNEL EXCAVATION



## VOLAKAS TUNNELS

7 TUNNEL ENTRANCES (OF 12m UP TO 22m DIAMETER)  
700m OF TOTAL TUNNEL LENGTH  
MAXIMUM TUNNEL DEPTH 250m  
3 LEVELS OF UNDERGROUND TUNNELS (ACCUMULATE HEIGHT 18m)  
17 LEVELS OF OPEN PIT EXCAVATION (TOTAL HEIGHT 100m)

# WHITE DOLOMITIC MARBLE



QUARRY LOCATION: VOLAKAS - SORNIALKI AREA, DRAMA PREFECTURE, GREECE

QUARRY OWNER: F.H.L. I. KIRIAKIDIS MARBLES - GRANITES S.A.

## 白色白云石大理石

采石场：希腊Drama省Volakas - Sornialki地区

采石场所有人：F.H.L. I. KIRIAKIDIS大理石和花岗岩有限公司





## PHYSICAL MECHANICAL PROPERTIES M.O / AV.\*

## 物理机械性能 M.O / AV.\*

• Apparent density	表观密度	EN 1936	2830 kg/m <sup>3</sup>
• Open porosity	开孔率	EN 1936	0,9 % vol.
• Water absorption at atmospheric pressure	在大气压下吸水率	EN 13755	0,3 % wt.
• Water absorption due to capillarity	毛细吸水率	EN1925	< 1% vol.
• Flexural strength under concentrated load Minimum value expected	集中载荷下的弯曲强度 预期最低值	EN 12372	6,9 MPa 2,3 MPa
• Freeze-thaw resistance, 12 cycles: Flexural strength after 12 freeze-thaw cycles	抗冻融，12次循环： 12次冻融循环后的弯曲强度	EN12371 EN 12372	5,6 MPa
• Freeze-thaw resistance, 48 cycles: Flexural strength after 48 freeze-thaw cycles	抗冻融，48次循环： 48次冻融循环后的弯曲强度	EN 12371 EN 12372	6,0 MPa
• Resistance to ageing by thermal shock Change in open porosity Change in flexural strength	热冲击法耐老化性 (开孔变化率) (弯曲强度的变化)	EN 14066 EN 14066	0,0 Δp (%) - 8,7 ΔF (%)
• Breaking load at dowel hole Standard deviation Min. value expected	销孔处破坏载荷 标准差 预期最低值	EN 13364	1700 N 250 N 1190 N
• Abrasion resistance Volume loss - Method B	抗磨性 (体积损失) - Method B	EN 14157	16 cm <sup>3</sup> /50 cm <sup>2</sup>
• Slip resistance Unpolished surface Polished surface	防滑性 非抛光表面 抛光表面	EN 14231	66 SRVdry   60 SRVwet 48 SRVdry   8 SRVwet

EN 1469: NATURAL STONE PRODUCTS - SLABS FOR CLADDING

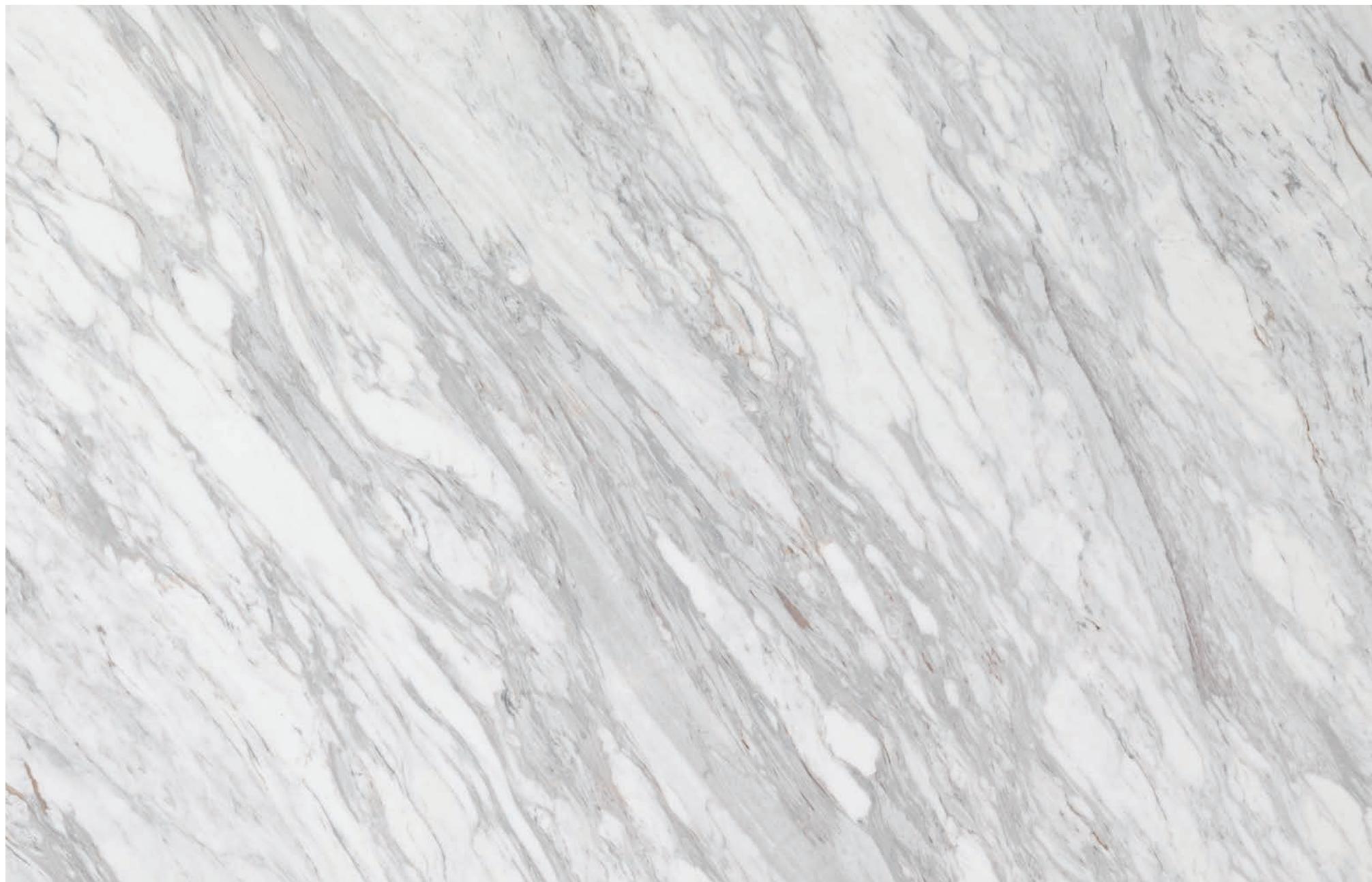
EN 12057: NATURAL STONE PRODUCTS - MODULAR TILES

EN 12058: NATURAL STONE PRODUCTS - SLABS FOR FLOORS AND STAIRS

EN 1469: 天然石材产品——贴面石板

EN 12057: 天然石材产品——标准面砖

EN 12058: 天然石材产品——地板和楼梯贴面石板



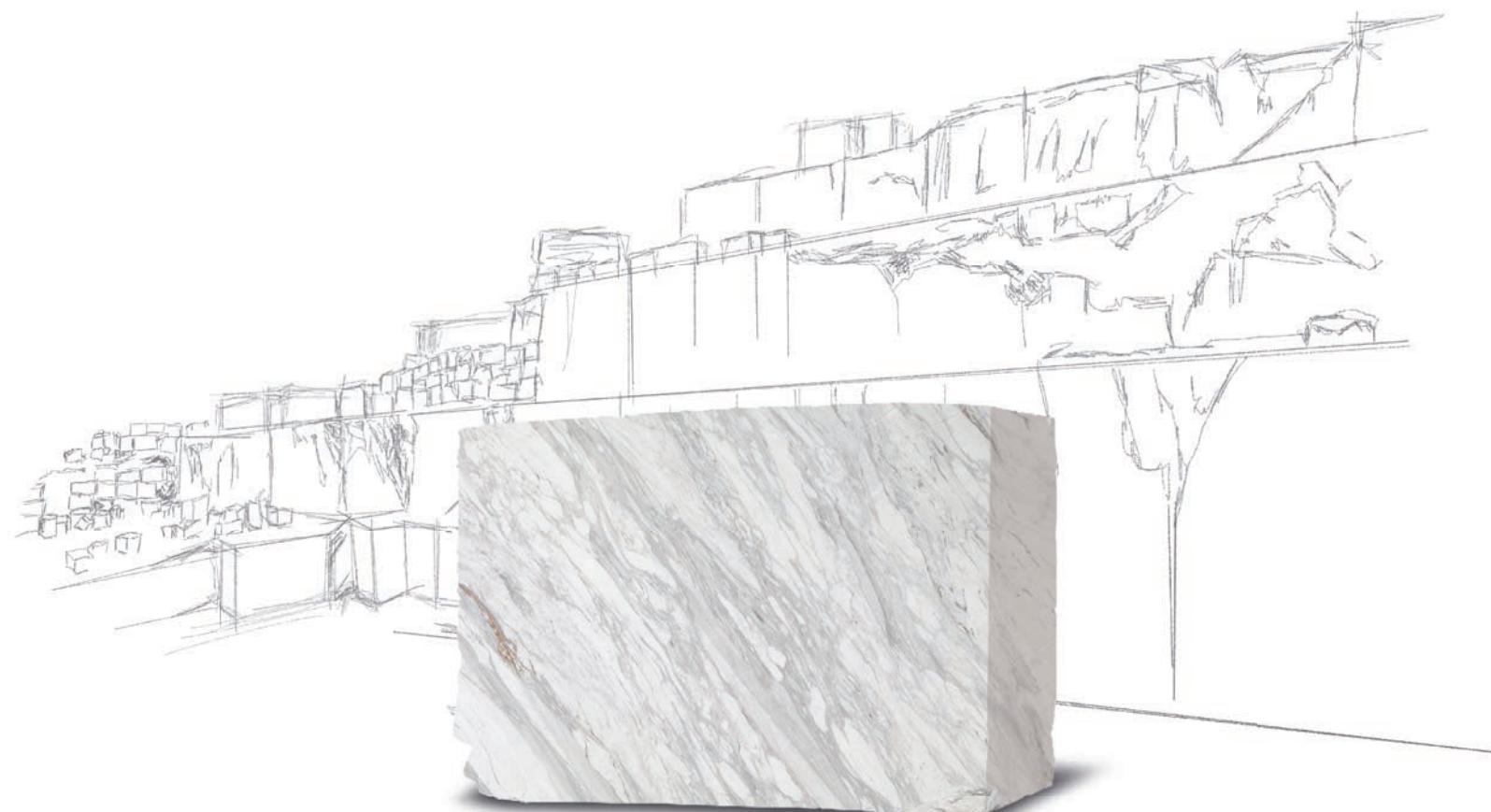


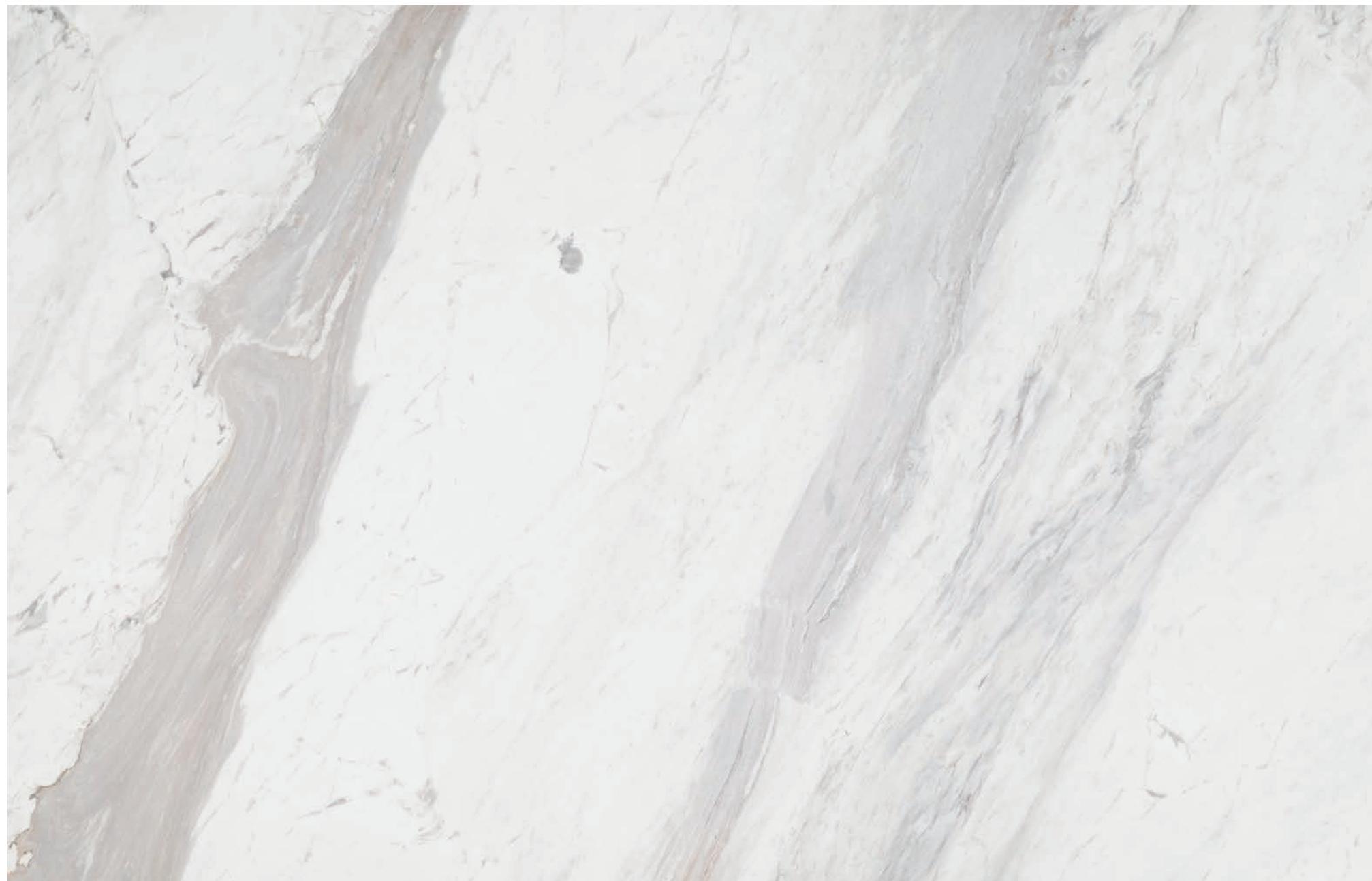
# **VOLAKAS SUPER EXTRA**

爵士白 超特级

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山



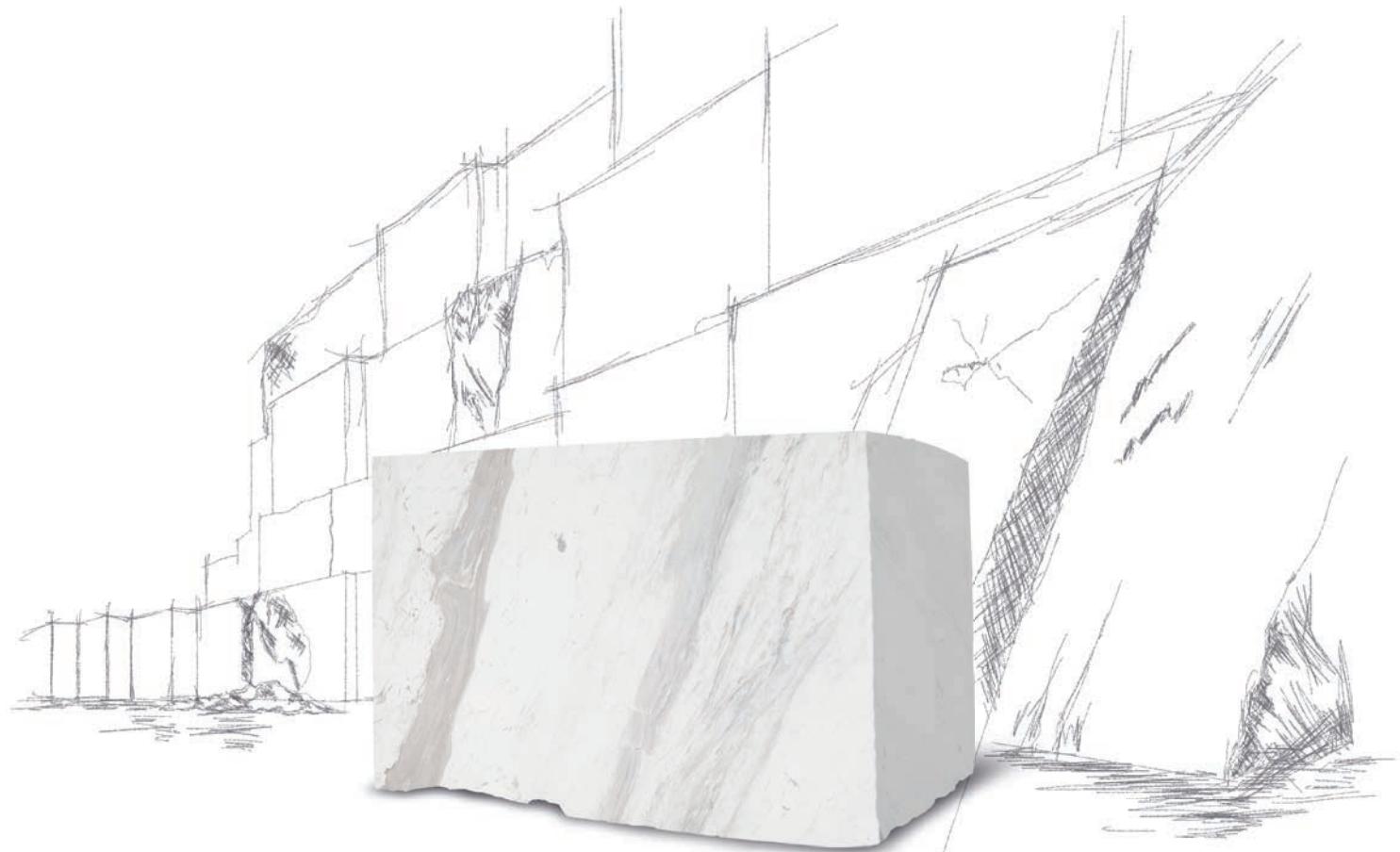


# VOLAKAS EXTRA

爵士白 特级

F.H.L. OWN QUARRIES

F.H.L. 旗A下矿山







# **VOLAKAS A**

爵士白 A级

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山







# **VOLAKAS OCEAN BLUE**

爵士白 蓝色海洋

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山



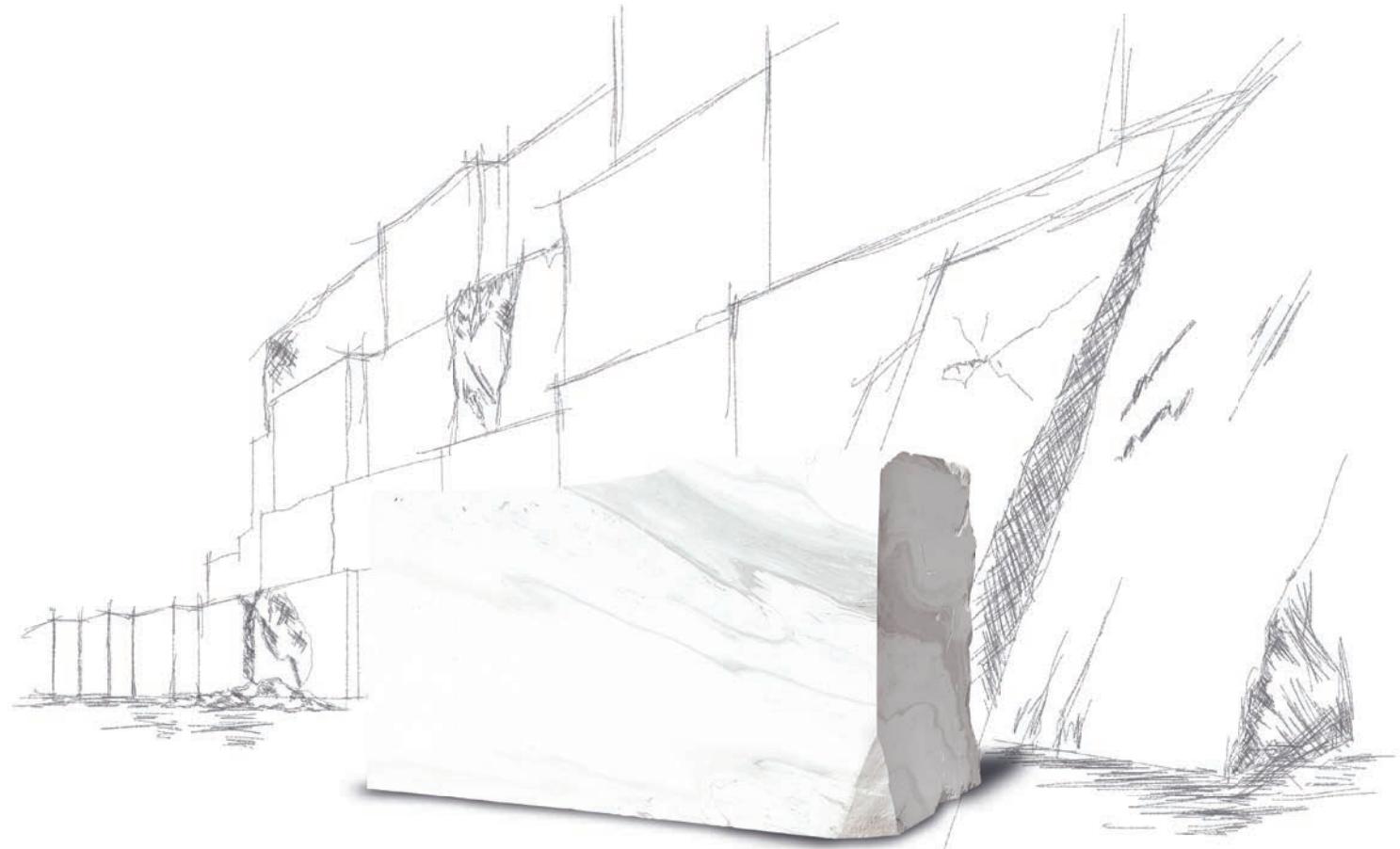


# VOLAKAS NO 11

爵士白 第十一层风格

F.H.L. OWN QUARRIES

F.H.L. 旗A下矿山







# **VOLAKAS CALACATA TYPE**

## 爵士白 鱼肚白风格

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山





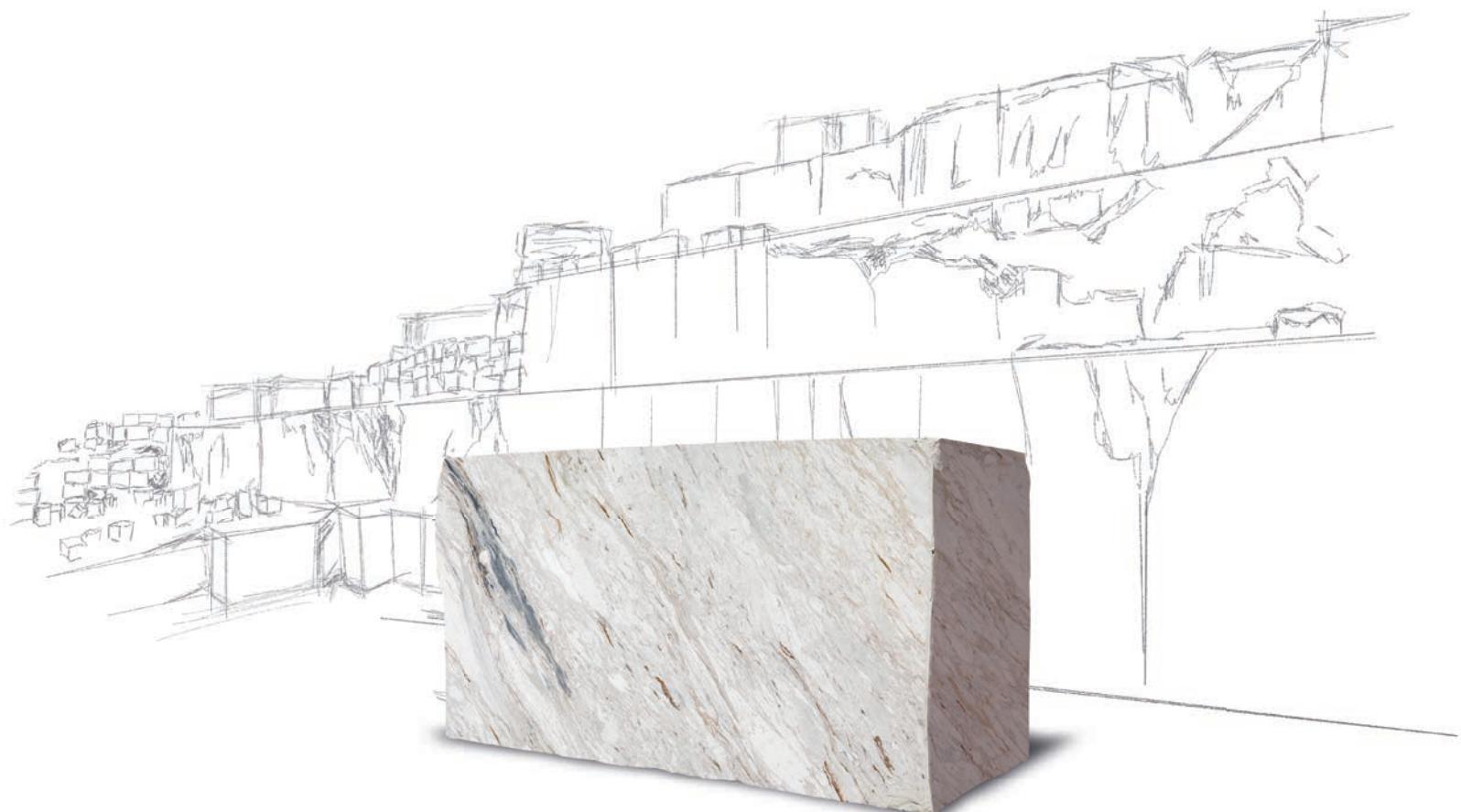


# **VOLAKAS BUTTERFLY**

## 爵士白 蝴蝶纹风格

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山





# BIANCO VENUS QUARRY

## ASCENDING BEAUTY

The F.H.L. BIANCO VENUS quarry which has been added to the F.H.L. I. KIRIAKIDIS Group in 2014, is located in the mountainside of Falakro in Northern Greece. The BIANCO VENUS marble is characterized by its bright whiteness in the background, which is emphasized by a classical grey veining pattern. This very elegant marble has been used in many prestigious projects on floors and walls, honoring with its beauty its godmother the Goddess of Beauty Venus.

## 攀登美丽高峰

F.H.L. I. KIRIAKIDIS 集团于 2014 年并入位于希腊北部 Falakro 山腰的 F.H.L. BIANCO VENUS 矿山。维纳斯白大理石的特点是其极为明亮的白色底，在其经典的灰色纹路衬托下，愈发突出。这种优雅的大理石被用于多个知名项目的地板和墙面，用其美丽向它的名字之源——美之女神维纳斯致敬。

# WHITE DOLOMITIC MARBLE



QUARRY LOCATION: MIRNOTO AREA - VOLAKAS, DRAMA PREFECTURE, GREECE

QUARRY OWNER: F.H.L. I. KIRIAKIDIS MARBLES - GRANITES S.A.

## 白色白云石大理石

采石场：希腊Drama省Volakas地区的Mirnoto地区

采石场所有人：F.H.L. I. KIRIAKIDIS大理石和花岗岩有限公司





## PHYSICAL MECHANICAL PROPERTIES M.O / AV.\*

## 物理机械性能 M.O / AV.\*

• Apparent density	表观密度	EN 1936	2830 kg/m <sup>3</sup>
• Open porosity	开孔率	EN 1936	1,1 % vol.
• Water absorption at atmospheric pressure	在大气压下吸水率	EN 13755	0,3 % wt.
• Water absorption due to capillarity	毛细吸水率	EN1925	4,989 g m <sup>2</sup> x sec <sup>0,5</sup>
• Flexural strength under concentrated load Minimum value expected	集中载荷下的弯曲强度 预期最低值	EN 12372	4,1 MPa 1,7 MPa
• Freeze-thaw resistance, 12 cycles: Flexural strength after 12 freeze-thaw cycles	抗冻融，12次循环： 12次冻融循环后的弯曲强度	EN12371 EN 12372	3,2 MPa
• Freeze-thaw resistance, 48 cycles: Flexural strength after 48 freeze-thaw cycles	抗冻融，48次循环： 48次冻融循环后的弯曲强度	EN 12371 EN 12372	4,3 MPa
• Resistance to ageing by thermal shock Change in open porosity Change in flexural strength	热冲击法耐老化性 (开孔变化率) (弯曲强度的变化)	EN 14066 EN 14066	0,0 Δp (%) 0,0 ΔF (%)
• Breaking load at dowel hole Standard deviation Min. value expected	销孔处破坏载荷 标准差 预期最低值	EN 13364	1400 N 300 N 846 N
• Abrasion resistance Volume loss - Method B	抗磨性 (体积损失) - Method B	EN 14157	23 cm <sup>3</sup> /50 cm <sup>2</sup>
• Slip resistance Unpolished surface Polished surface	防滑性 非抛光表面 抛光表面	EN 14231	65 SRVdry   60 SRVwet 51 SRVdry   11 SRVwet

EN 1469: NATURAL STONE PRODUCTS - SLABS FOR CLADDING

EN 12057: NATURAL STONE PRODUCTS - MODULAR TILES

EN 12058: NATURAL STONE PRODUCTS - SLABS FOR FLOORS AND STAIRS

EN 1469: 天然石材产品——贴面石板

EN 12057: 天然石材产品——标准面砖

EN 12058: 天然石材产品——地板和楼梯贴面石板

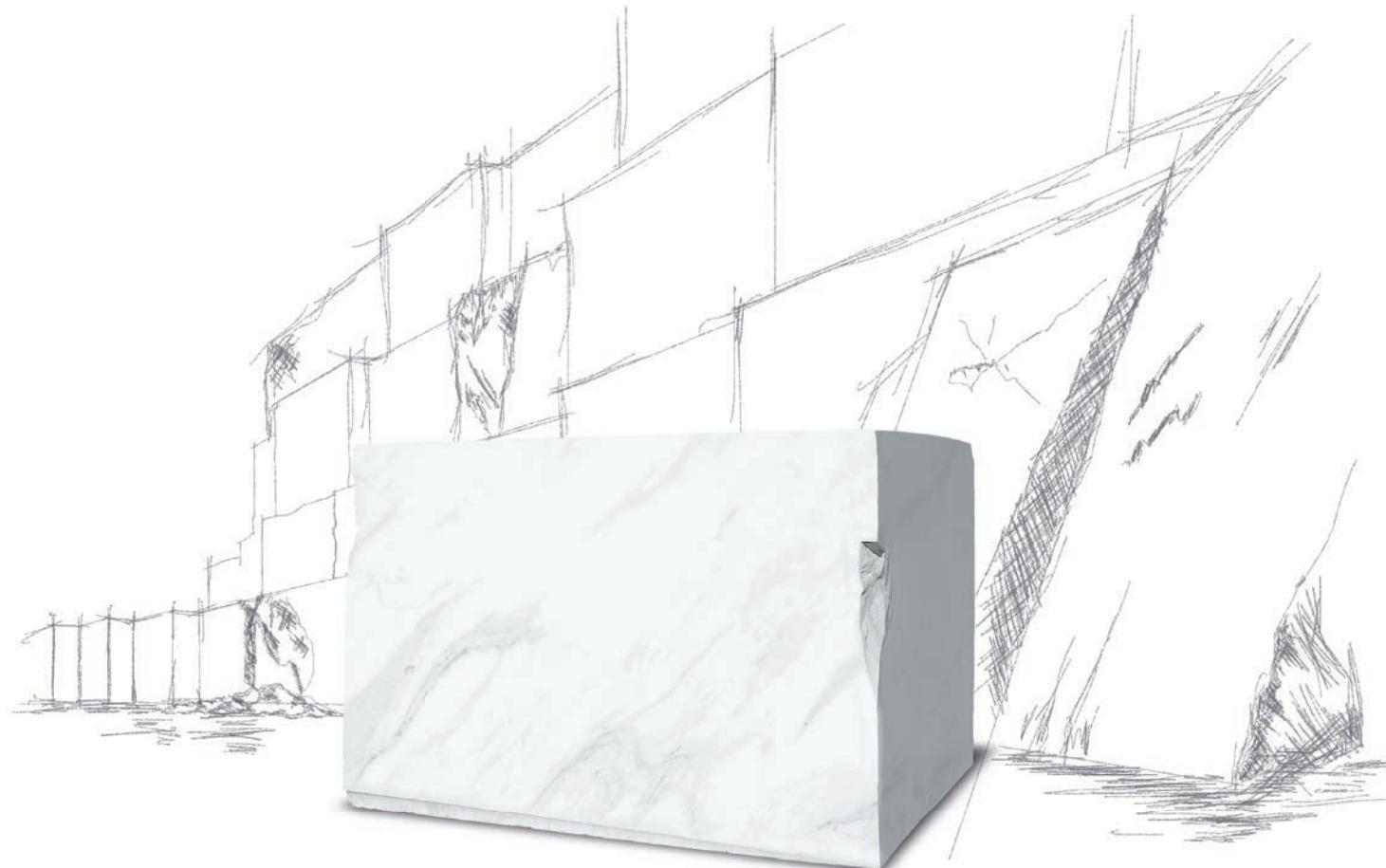


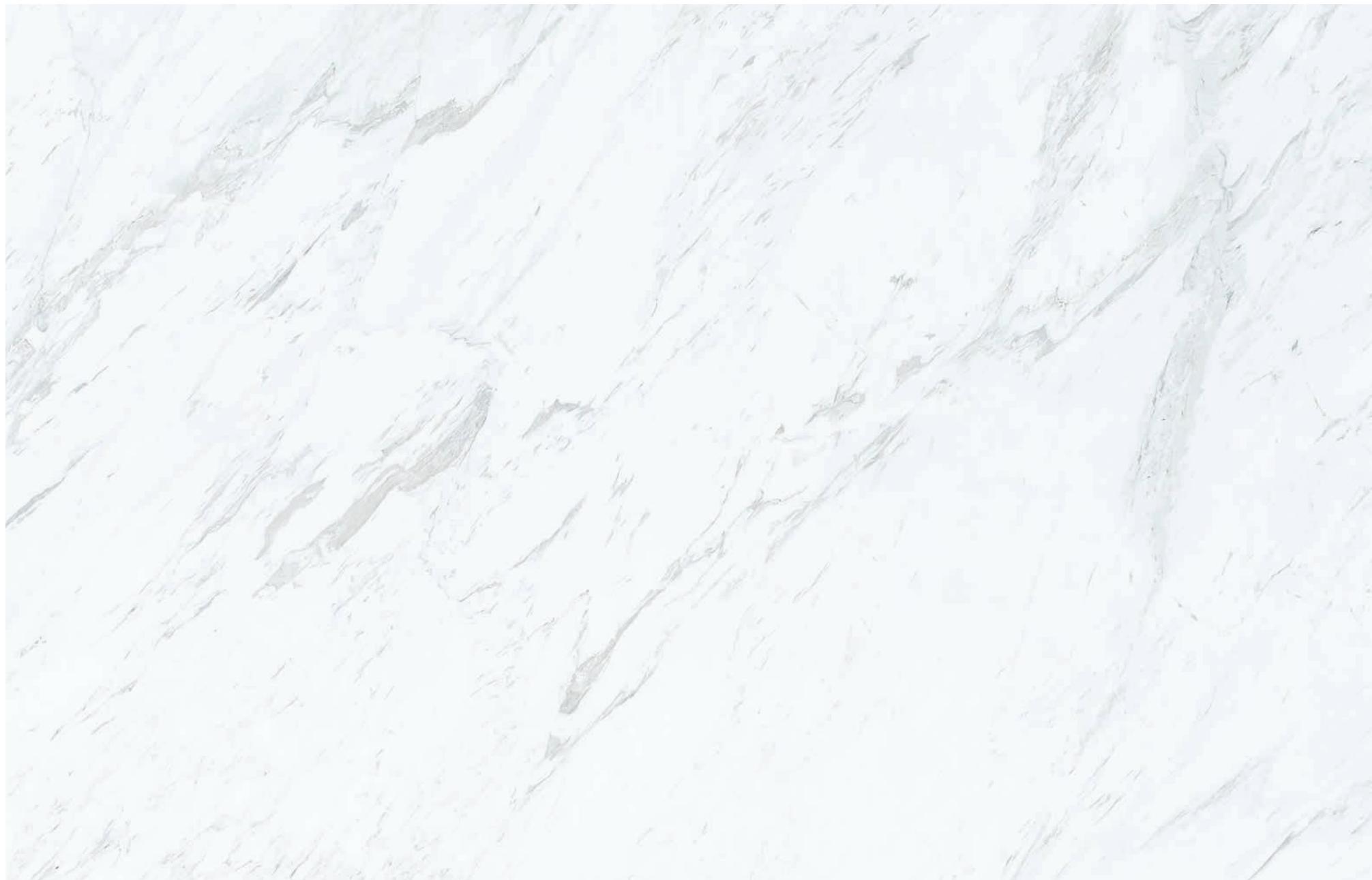
# **BIANCO VENUS EXTRA**

维纳斯白 特级

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山





# **BIANCO VENUS A**

维纳斯白 A级

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山





# LOUDY SKY QUARRY

## MARBLE MADE IN HEAVEN

The new star on the marble firmament. The calm beauty of this new white marble, which is quarried exclusively in the FHL quarry in Northern Greece, promises to become the beloved star in marble firmament. The tranquil pattern of grey and bluish swirls on astonishing white background will give a distinguished statement to every place, while emphasizing the discrete elegance this white marble type is providing.

## 此石只应天上有

大理石宇宙的新星

天空大理石是一种新型的白色大理石，只产自FHL在希腊北部的矿山，正逐渐成为大理石领域中最受欢迎的明星产品。天空大理石拥有摄人心魄的白底和赏心悦目的灰蓝色漩涡纹路，不管用于何处，都能自然彰显，传达出这一新型大理石独特的低调优雅内涵。



# WHITE DOLOMITIC MARBLE

QUARRY LOCATION: DROSERO REMA - VOLAKAS AREA, DRAMA PREFECTURE, GREECE

QUARRY OWNER: F.H.L. I.KIRIAKIDIS MARBLES - GRANITES S.A.

## 白色白云石大理石

采石场：希腊Drama省Volakas地区Drosero Rema

采石场所有人：F.H.L. I. KIRIAKIDIS大理石和花岗岩有限公司





## PHYSICAL MECHANICAL PROPERTIES M.O / AV.\*

物理机械性能 M.O / AV.\*

• Apparent density	表观密度	EN 1936	2800 kg/m <sup>3</sup>
• Open porosity	开孔率	EN 1936	2,1 % vol.
• Water absorption at atmospheric pressure	在大气压下吸水率	EN 13755	0,5 % wt.
• Water absorption due to capillarity	毛细吸水率	EN1925	2,861 g m <sup>2</sup> x sec <sup>0,5</sup>
• Flexural strength under concentrated load Minimum value expected	集中载荷下的弯曲强度 预期最低值	EN 12372	5,8 MPa 3,2 MPa
• Freeze-thaw resistance, 12 cycles: Flexural strength after 12 freeze-thaw cycles	抗冻融，12次循环： 12次冻融循环后的弯曲强度	EN12371 EN 12372	4,8 MPa
• Freeze-thaw resistance, 48 cycles: Flexural strength after 48 freeze-thaw cycles	抗冻融，48次循环： 48次冻融循环后的弯曲强度	EN 12371 EN 12372	4,2 MPa
• Resistance to ageing by thermal shock Change in open porosity Change in flexural strength	热冲击法耐老化性 (开孔变化率) (弯曲强度的变化)	EN 14066 EN 14066	0,0 Δp (%) -20,7 ΔF (%)
• Breaking load at dowel hole Standard deviation Min. value expected	销孔处破坏载荷 标准差 预期最低值	EN 13364	1300 N 300 N 778 N
• Abrasion resistance Volume loss - Method B	抗磨性 (体积损失) - Method B	EN 14157	24 cm <sup>3</sup> /50 cm <sup>2</sup>
• Slip resistance Unpolished surface Polished surface	防滑性 非抛光表面 抛光表面	EN 14231	70 SRVdry   63 SRVwet 58 SRVdry   12 SRVwet

EN 1469: NATURAL STONE PRODUCTS - SLABS FOR CLADDING

EN 12057: NATURAL STONE PRODUCTS - MODULAR TILES

EN 12058: NATURAL STONE PRODUCTS - SLABS FOR FLOORS AND STAIRS

EN 1469: 天然石材产品——贴面石板

EN 12057: 天然石材产品——标准面砖

EN 12058: 天然石材产品——地板和楼梯贴面石板

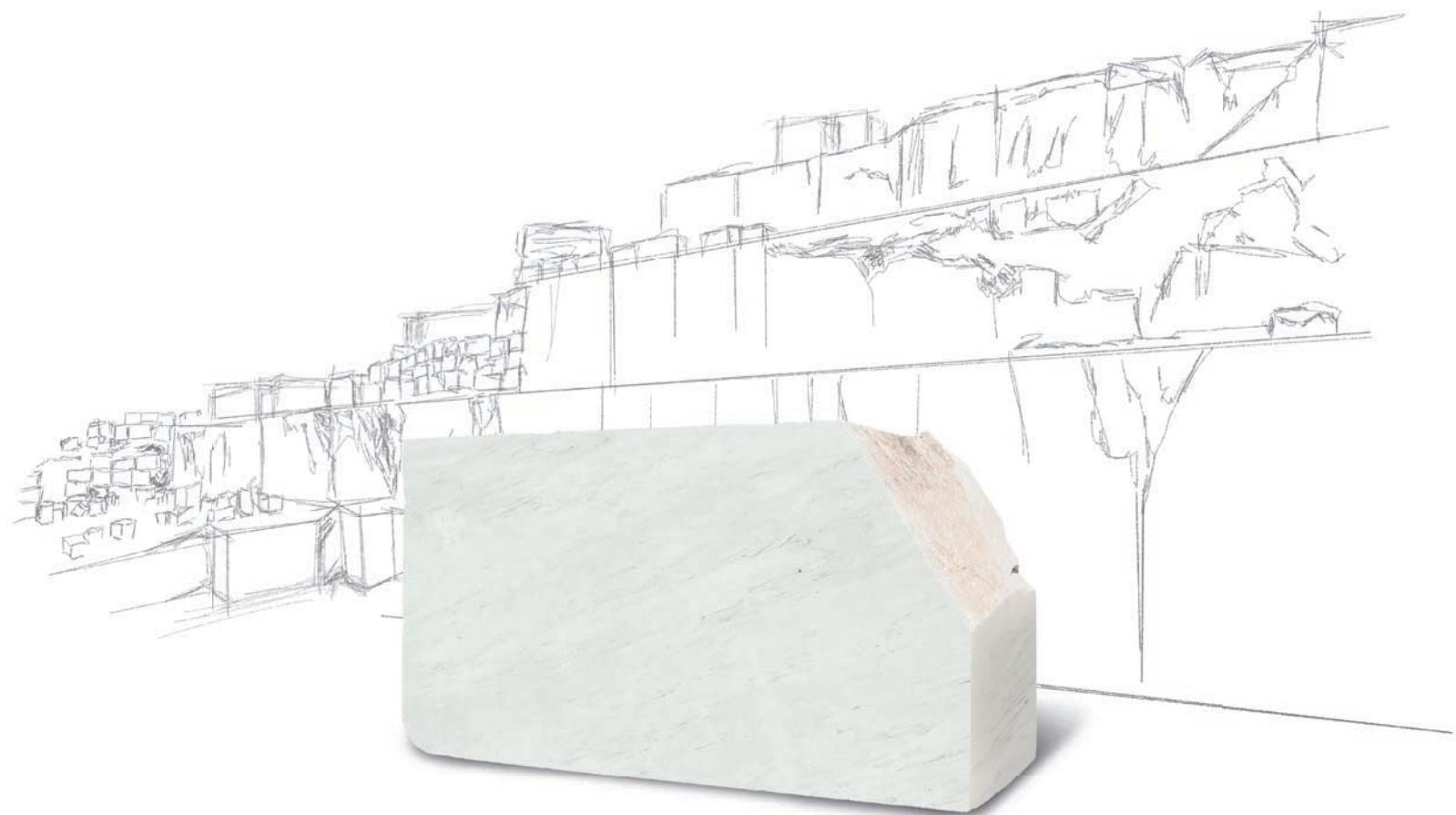


# CLOUDY SKY 1

天空云白 1

F.H.L. OWN QUARRIES

F.H.L. 旗A下矿山



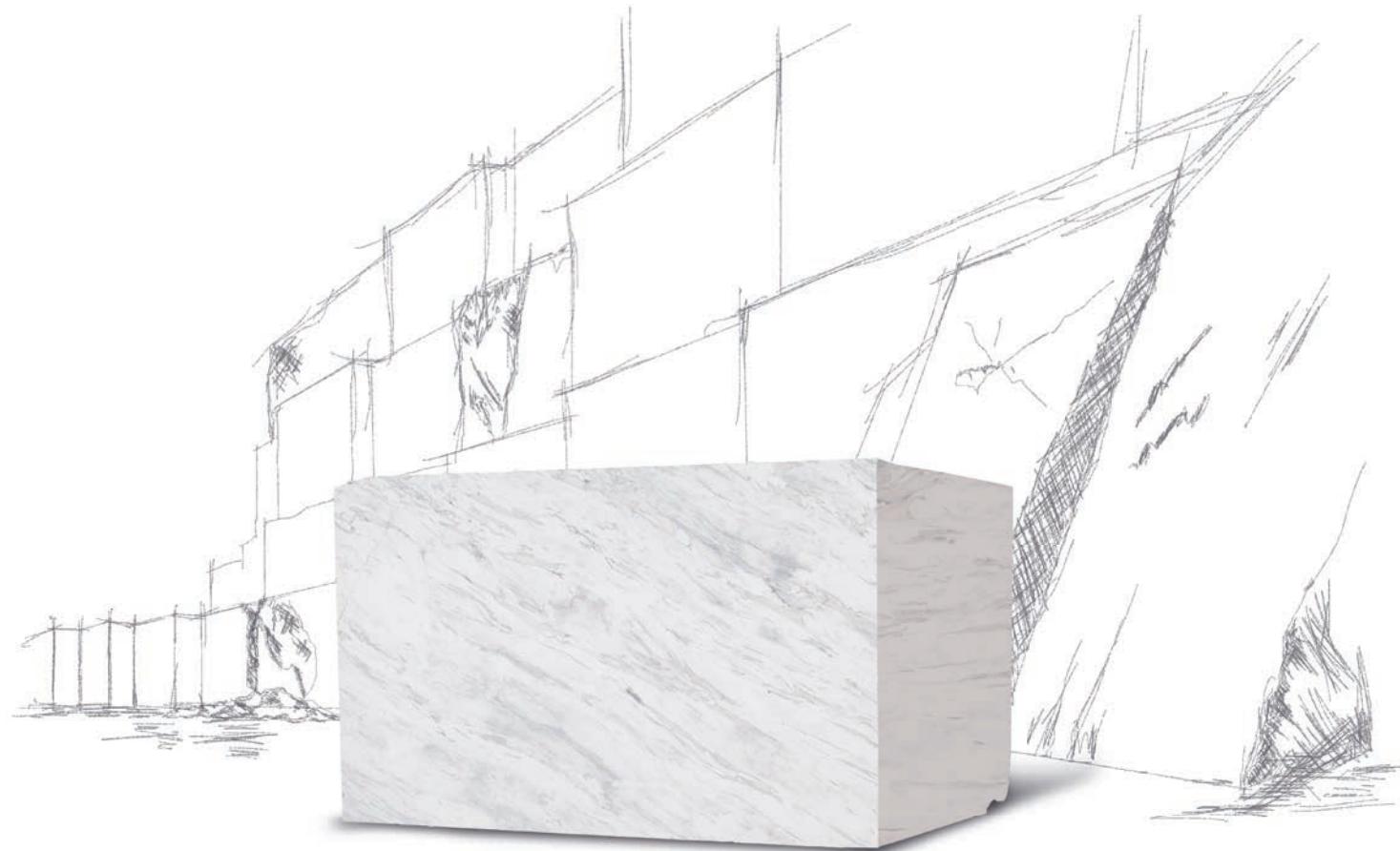


# CLOUDY SKY 2

天空云白 2

F.H.L. OWN QUARRIES

F.H.L. 旗A下矿山





# CLOUDY SKY 3

天空云白 3

F.H.L. OWN QUARRIES

F.H.L. 旗A下矿山





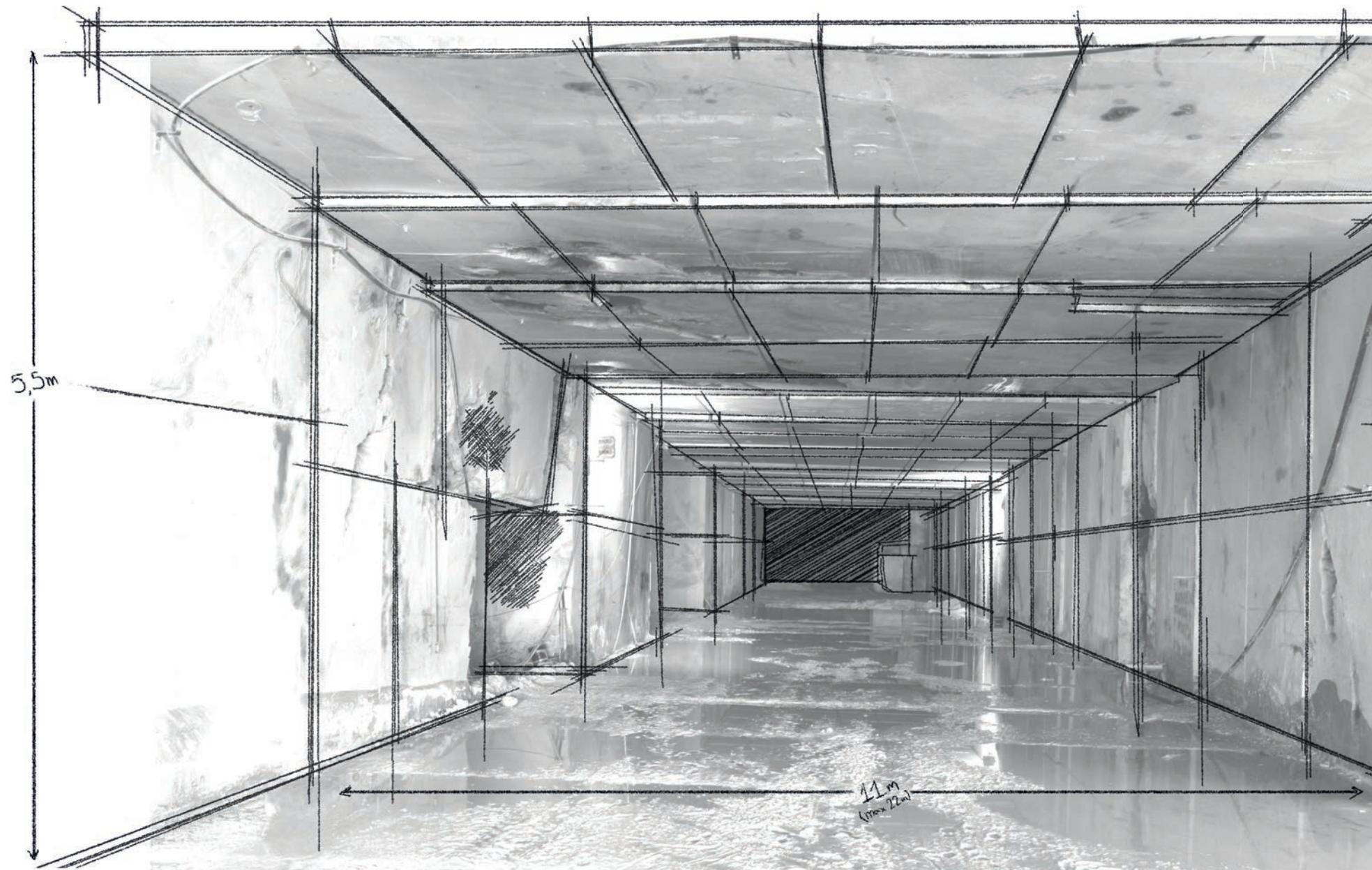
# BIANCO VENATINO QUARRY

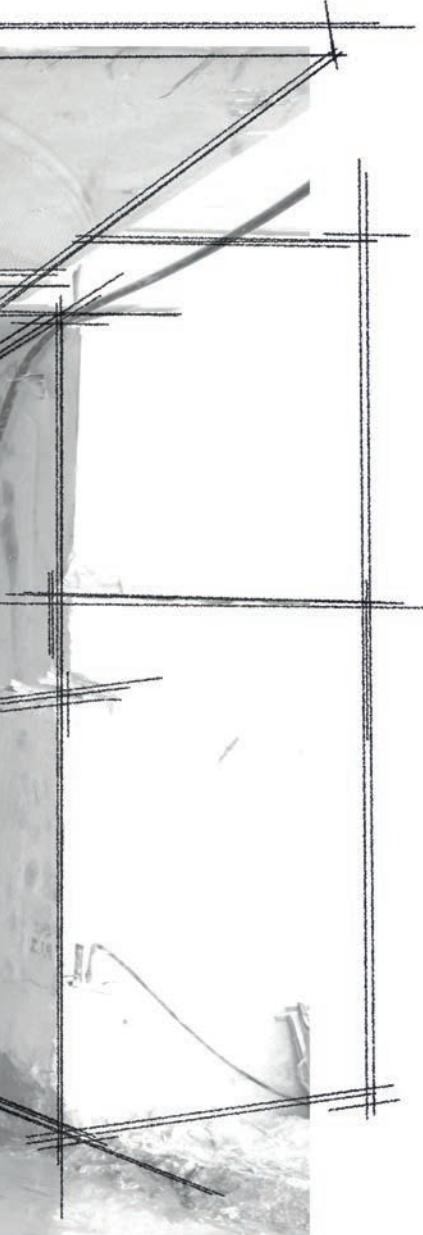
## A RISING STAR

The F.H.L. BIANCO VENATINO marble is quarried also in the mountainside of Falakro, nearby the village Nevrokopi. Developing this quarry through open pit and tunnel excavation, it is about to become one of the biggest white dolomite marble quarries. Giving an impressive pure white background with light narrow grey veins on huge blocks, constitutes it perfect for floors and bathroom claddings. Through the method of tunnel excavation the F.H.L. I. KIRIAKDIS GROUP is also here about eject the current outcome of 30.000 Tons to much higher levels.

## 冉冉新星

F.H.L. 公司的新雅士白大理石矿山也位于 Falakro 山腰，靠近 Nevrokopi 村庄。此采石场采用露天开采和隧道式挖掘两种方式开采作业，即将成为世界上最大的白云岩大理石矿山之一。新雅士白大理石的底色为纯白色，且带有细且少的灰色矿脉，令人印象深刻，非常适合于地板和浴室铺设。通过隧道式挖掘方法，FHL I KIRIAKDIS 集团的产能将远远超过现在的 3 万吨水平。





# **TUNNEL EXCAVATION**



## **BIANCO VENATINO TUNNELS**

4 TUNNEL ENTRANCES (OF 11m)  
450m OF TOTAL TUNNEL LENGTH  
1 LEVEL OF UNDERGROUND TUNNELS (MINIMUM LENGTH 30m)  
8 LEVELS OF OPEN PIT EXCAVATION (TOTAL HEIGHT 48m) + 5 LEVELS OPEN PIT



# WHITE DOLOMITIC MARBLE

QUARRY LOCATION: KATO NEVROKOPI - TSAKALINA AREA, DRAMA PREFECTURE, GREECE

QUARRY OWNER: F.H.L. I. KIRIAKIDIS MARBLES - GRANITES S.A.

## 白色白云石大理石

采石场：希腊Drama省Tsakalina地区Kato Nevrokopi

采石场所有人：F.H.L. I. KIRIAKIDIS大理石和花岗岩有限公司





## PHYSICAL MECHANICAL PROPERTIES M.O / AV.\*

物理机械性能 M.O / AV.\*

• Apparent density	表观密度	EN 1936	2830 kg/m <sup>3</sup>
• Open porosity	开孔率	EN 1936	1,1 % vol.
• Water absorption at atmospheric pressure	在大气压下吸水率	EN 13755	0,4 % wt.
• Water absorption due to capillarity	毛细吸水率	EN1925	3,786 g m <sup>2</sup> x sec <sup>0,5</sup>
• Flexural strength under concentrated load Minimum value expected	集中载荷下的弯曲强度 预期最低值	EN 12372	3,3 MPa 2,3 MPa
• Freeze-thaw resistance, 12 cycles: Flexural strength after 12 freeze-thaw cycles	抗冻融，12次循环： 12次冻融循环后的弯曲强度	EN12371 EN 12372	2,7 MPa
• Freeze-thaw resistance, 48 cycles: Flexural strength after 48 freeze-thaw cycles	抗冻融，48次循环： 48次冻融循环后的弯曲强度	EN 12371 EN 12372	2,8 MPa
• Resistance to ageing by thermal shock Change in open porosity Change in flexural strength	热冲击法耐老化性 (开孔变化率) (弯曲强度的变化)	EN 14066 EN 14066	0,0 Δp (%) -18,2 ΔF (%)
• Breaking load at dowel hole Standard deviation Min. value expected	销孔处破坏载荷 标准差 预期最低值	EN 13364	800 N 200 N 510 N
• Abrasion resistance Volume loss - Method B	抗磨性 (体积损失) - Method B	EN 14157	21 cm <sup>3</sup> /50 cm <sup>2</sup>
• Slip resistance Unpolished surface Polished surface	防滑性 非抛光表面 抛光表面	EN 14231	70 SRVdry   62 SRVwet 47 SRVdry   9 SRVwet

EN 1469: NATURAL STONE PRODUCTS - SLABS FOR CLADDING

EN 12057: NATURAL STONE PRODUCTS - MODULAR TILES

EN 12058: NATURAL STONE PRODUCTS - SLABS FOR FLOORS AND STAIRS

EN 1469: 天然石材产品——贴面石板

EN 12057: 天然石材产品——标准面砖

EN 12058: 天然石材产品——地板和楼梯贴面石板



# **BIANCO VENATINO K**

新雅士白 K 料

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山





# **BIANCO VENATINO AL1**

新雅士白 AL1级

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山





# THASSOS QUARRY

## ANOTHER DEFINITION OF WHITE

Thassian marble is known for many centuries all over the world for its pure sparkling whiteness and extraordinary elegance, providing pure luxury to many prestigious projects. Being a crystallic dolomite marble, it provides a higher reflection of sunlight compared to any other white marble in the world, while holding its cool temperature for a prolonged period of time, making it perfect suitable for claddings in warmer regions. It is a very popular marble for claddings and floors and can support every high scale project with its 50.000 Tons of yearly outcome.

## 白色的另一种定义

数个世纪以来，在世界各地，水晶白大理石以其纯净闪耀的白度和非凡的优雅气质而闻名。我们为多个著名豪华工程提供了极其纯净高档的水晶白大理石。作为富含晶体的白云石大理岩，水晶白比世界上任何其他品种的白色大理石都更能折射出阳光，同时保持更长时间的凉爽温度，非常适合在温暖地区铺设。这种大理石在地板和墙面铺装中非常受欢迎，每年产量 5 万吨，因此可以满足大型项目的使用需要。

# WHITE DOLOMITIC MARBLE



QUARRY LOCATION: THASSOS ISLAND, KAVALA PREFECTURE, GREECE

QUARRY OWNER: F.H.L. I. KIRIAKIDIS MARBLES - GRANITES S.A.

## 白色白云石大理石

采石场：希腊Kavala省Thassos岛

采石场所有人：F.H.L. I. KIRIAKIDIS大理石和花岗岩有限公司





## PHYSICAL MECHANICAL PROPERTIES M.O / AV.\*

物理机械性能 M.O / AV.\*

• Apparent density	表观密度	EN 1936	2850 kg/m <sup>3</sup>
• Open porosity	开孔率	EN 1936	0,5 % vol.
• Water absorption at atmospheric pressure	在大气压下吸水率	EN 13755	0,2 % wt.
• Water absorption due to capillarity	毛细吸水率	EN 1925	< 1% vol.
• Flexural strength under concentrated load Minimum value expected	集中载荷下的弯曲强度 预期最低值	EN 12372	13,3 MPa 4 MPa
• Freeze-thaw resistance, 12 cycles: Flexural strength after 12 freeze-thaw cycles	抗冻融，12次循环： 12次冻融循环后的弯曲强度	EN 12371 EN 12372	14,3 MPa
• Freeze-thaw resistance, 48 cycles: Flexural strength after 48 freeze-thaw cycles	抗冻融，48次循环： 48次冻融循环后的弯曲强度	EN 12371 EN 12372	14,3 MPa
• Resistance to ageing by thermal shock Change in open porosity Change in flexural strength	热冲击法耐老化性 (开孔变化率) (弯曲强度的变化)	EN 14066 EN 14066	- 16,7Δp (%) 0,8 ΔF (%)
• Breaking load at dowel hole Standard deviation Min. value expected	销孔处破坏载荷 标准差 预期最低值	EN 13364	1800 N 200 N 1400 N
• Abrasion resistance Volume loss - Method B	抗磨性 (体积损失) - Method B	EN 14157	18 cm <sup>3</sup> /50 cm <sup>2</sup>
• Slip resistance Unpolished surface Polished surface	防滑性 非抛光表面 抛光表面	EN 14231	42 SRVdry   10 SRVwet

EN 1469: NATURAL STONE PRODUCTS - SLABS FOR CLADDING

EN 12057: NATURAL STONE PRODUCTS - MODULAR TILES

EN 12058: NATURAL STONE PRODUCTS - SLABS FOR FLOORS AND STAIRS

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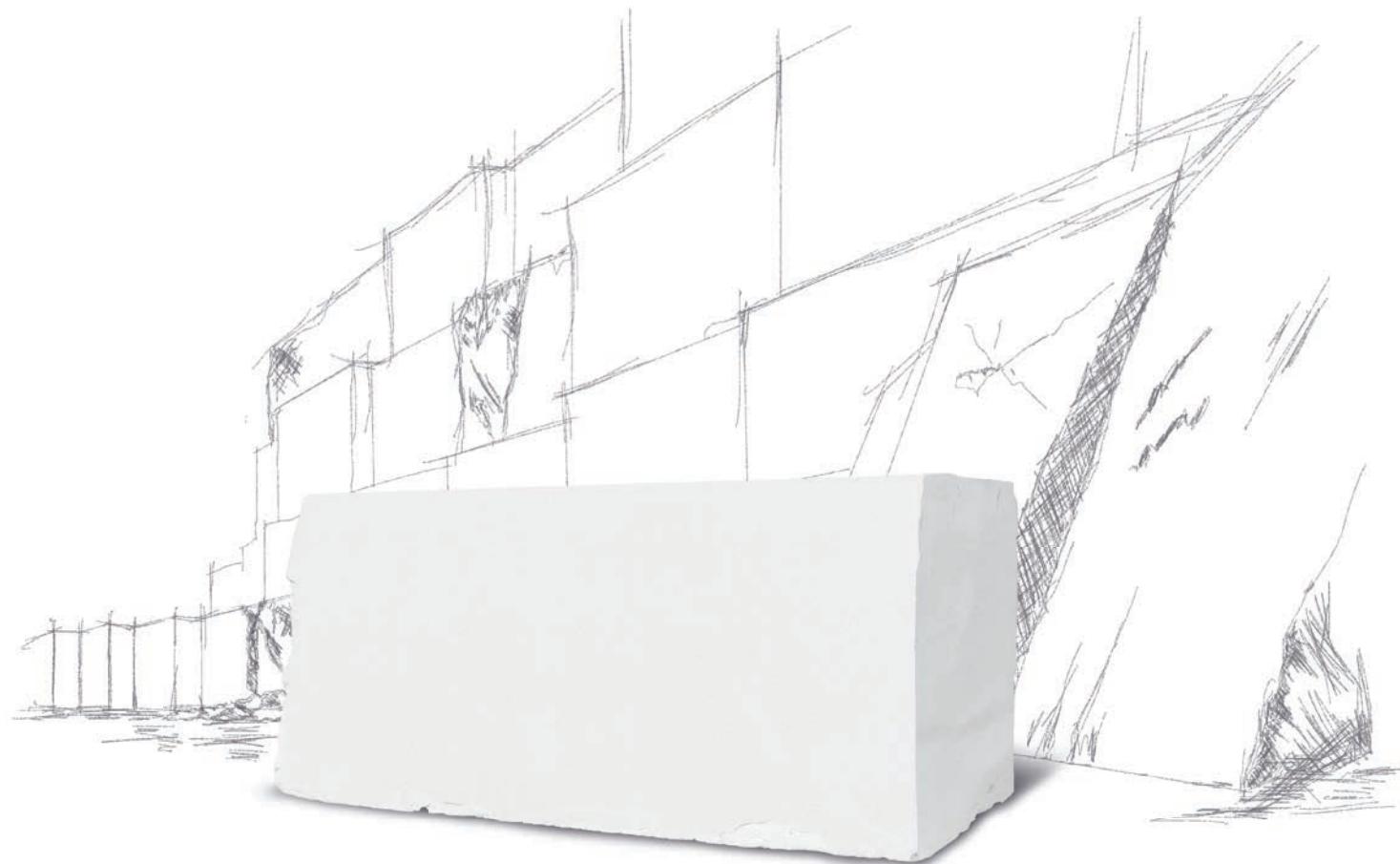


**THASSOS WHITE**

水晶白 白色

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山



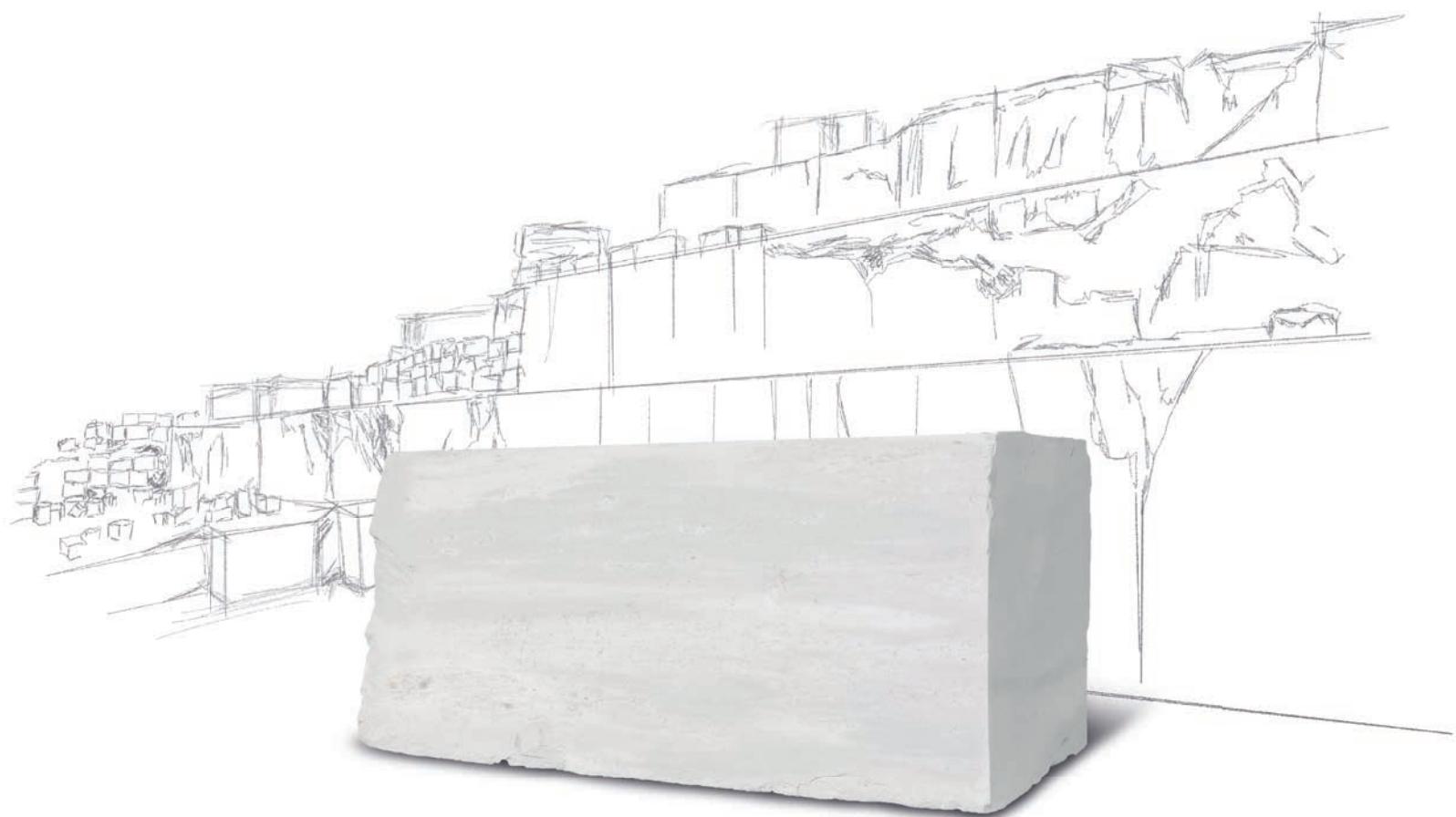


# **THASSOS SILVER STREAM**

## 水晶白 银色流水

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山





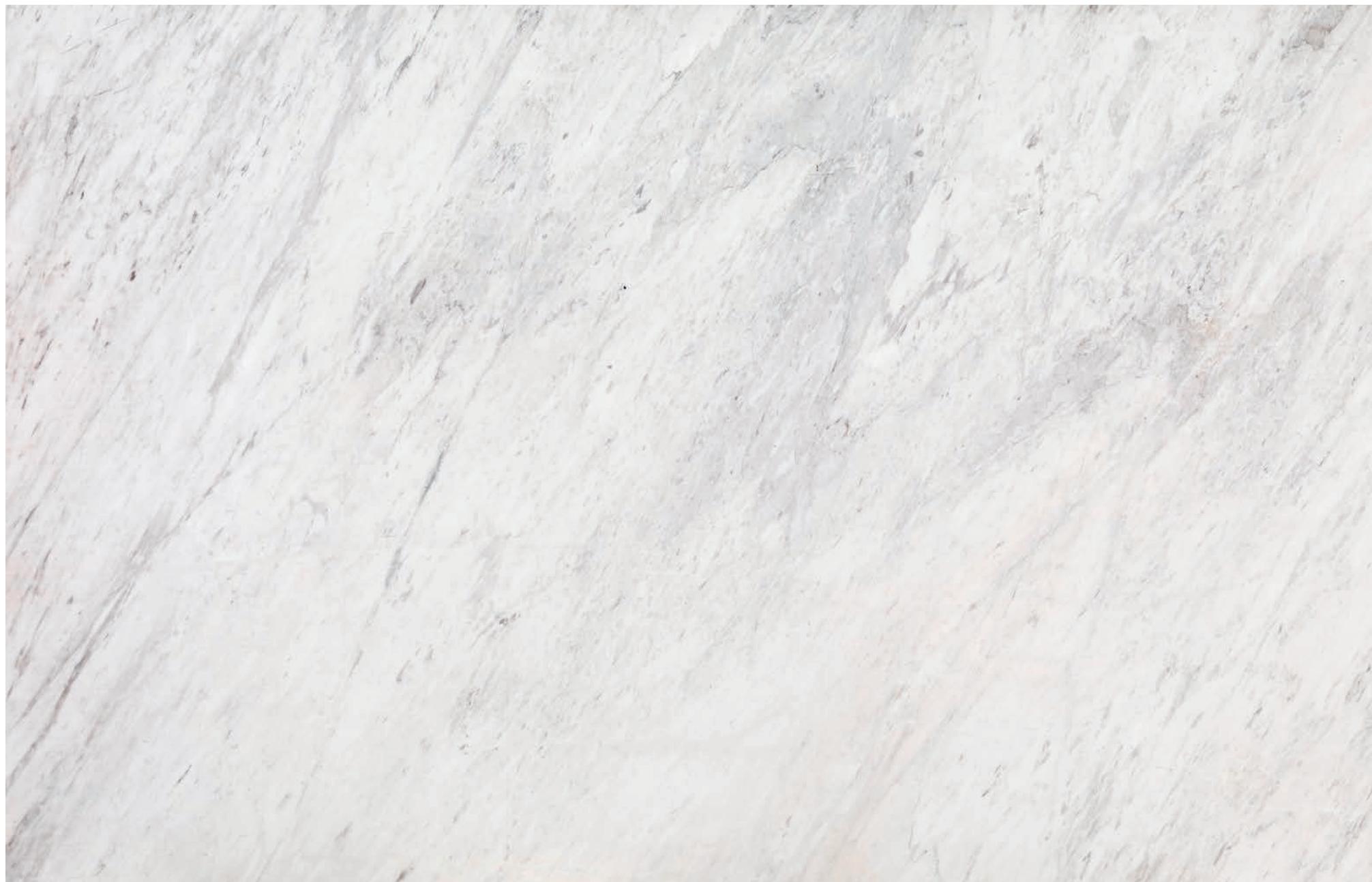
**THASSOS PRINOS**

水晶白 冬青

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山





# SANTA MARINA

玛瑞纳

F.H.L. OWN QUARRIES

F.H.L. 旗A下矿山







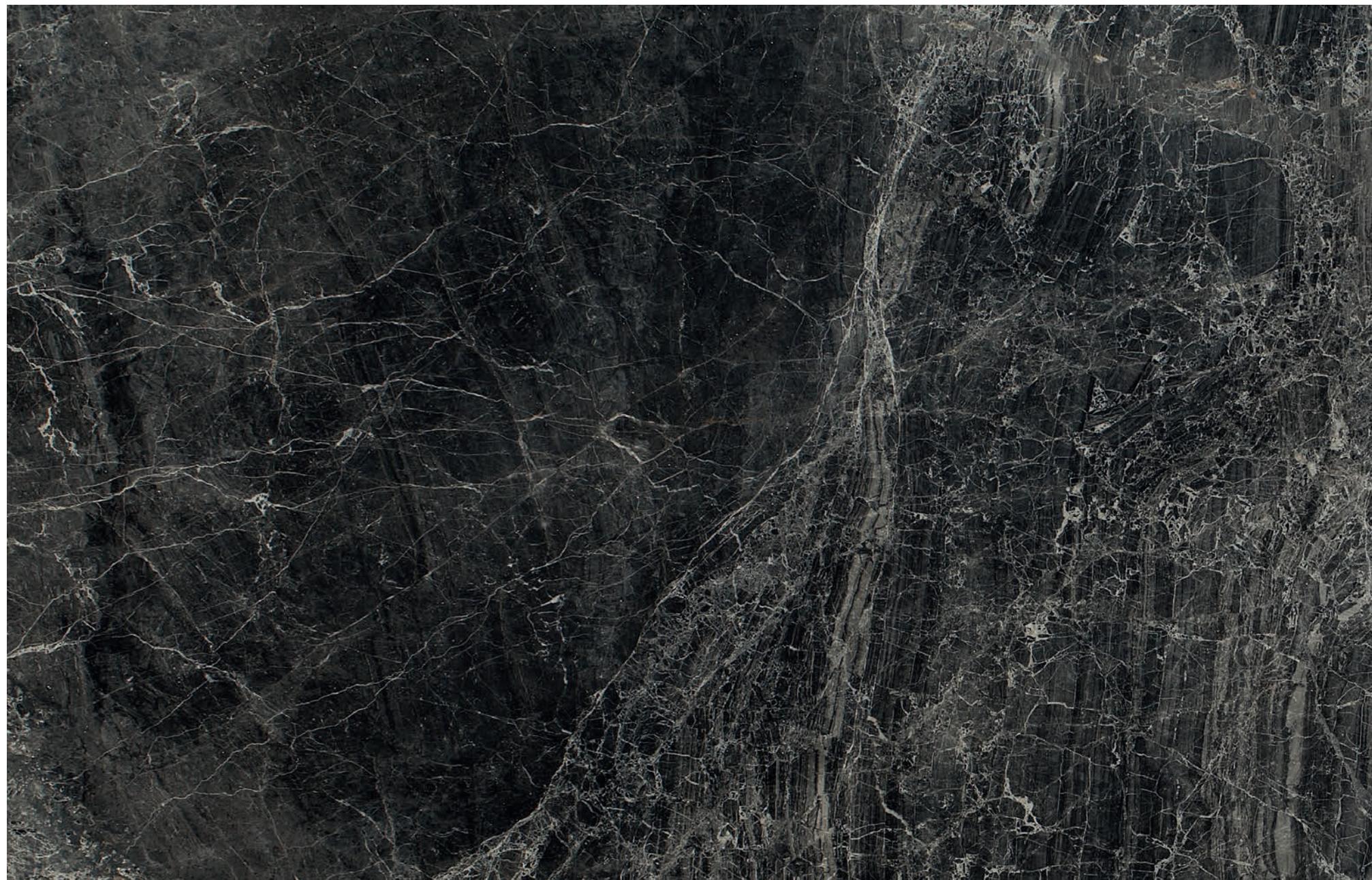
# **BIANCO HERACLEA**

## 赫拉克勒

**F.H.L. OWN QUARRIES**

F.H.L. 旗A下矿山







# **MINOAN GREY**

米诺亚 灰色

**F.H.L. OTHER QUARRIES**

F.H.L. 其他采石场





MARBLES & GRANITES S.A.

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