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1. COMPANY PROFILE

COMPANY PROFILE

- **About Us**

- Mass Choice Building Materials Trading LLC is a dynamic and reliable supplier of high-quality building materials based in the United Arab Emirates. We specialize in providing a wide range of construction and finishing materials to meet the diverse needs of contractors, developers, and project owners across residential, commercial, and industrial sectors.

- With a strong commitment to quality, timely delivery, and customer satisfaction, we aim to be a trusted partner in every project we serve.

- **Our Vision**

- To become a leading building materials supplier in the UAE and GCC region by delivering quality products, competitive pricing, and exceptional customer service.

- **Our Mission**

- To supply premium-quality building materials that meet industry standards
- To build long-term relationships with clients through trust and reliability
- To ensure timely delivery and efficient service
- To continuously expand our product range to meet market demands

- **Our Core Values**

- Quality – We ensure all materials meet required standards
- Integrity – Transparent and ethical business practices
- Customer Focus – Client satisfaction is our priority
- Efficiency – Fast response and timely delivery
- Reliability – Consistent and dependable service

- **Our Products**

We supply a wide range of building materials including:

- Porcelain slabs and tiles (various sizes including 60x120, 120x120, etc.)
- Sanitary ware and bathroom fittings
- Marble, granite, and natural stones

- **Our Services**

- Material sourcing and supply
- Project-based material support
- Custom order handling
- Logistics and delivery coordination
- After-sales support

- **Our Clients**

We serve:

- Construction companies
- Interior fit-out contractors
- Real estate developers
- Consultants and architects
- Individual project owners

- **Why Choose Us**

- Competitive pricing
- High-quality materials
- Reliable supply chain
- Strong industry experience
- Professional customer service
- On-time delivery

- **Health, Safety & Quality Commitment**

- Mass Choice Building Materials Trading LLC is committed to maintaining high standards of health, safety, and environmental responsibility in all operations. We ensure that all supplied materials comply with relevant quality and safety standards.

COUNTERS DESIGNS

MASS
CHOICE GROUP

TRUST US , AND MAKE IT MASS










18:18






























































MAISON de PAX












Atton




OneProperty













Staircase DESIGNS

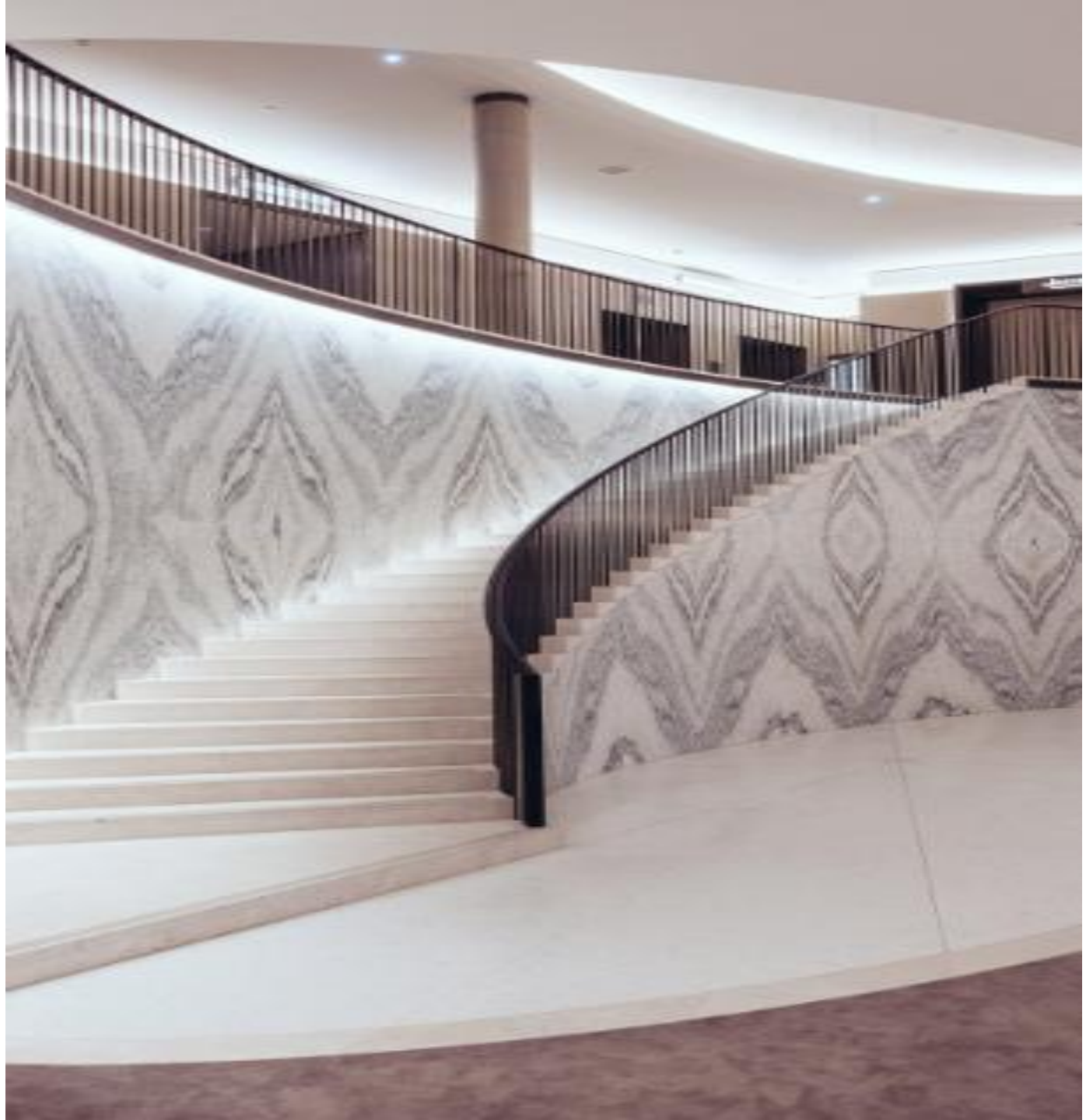
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Terrace



















































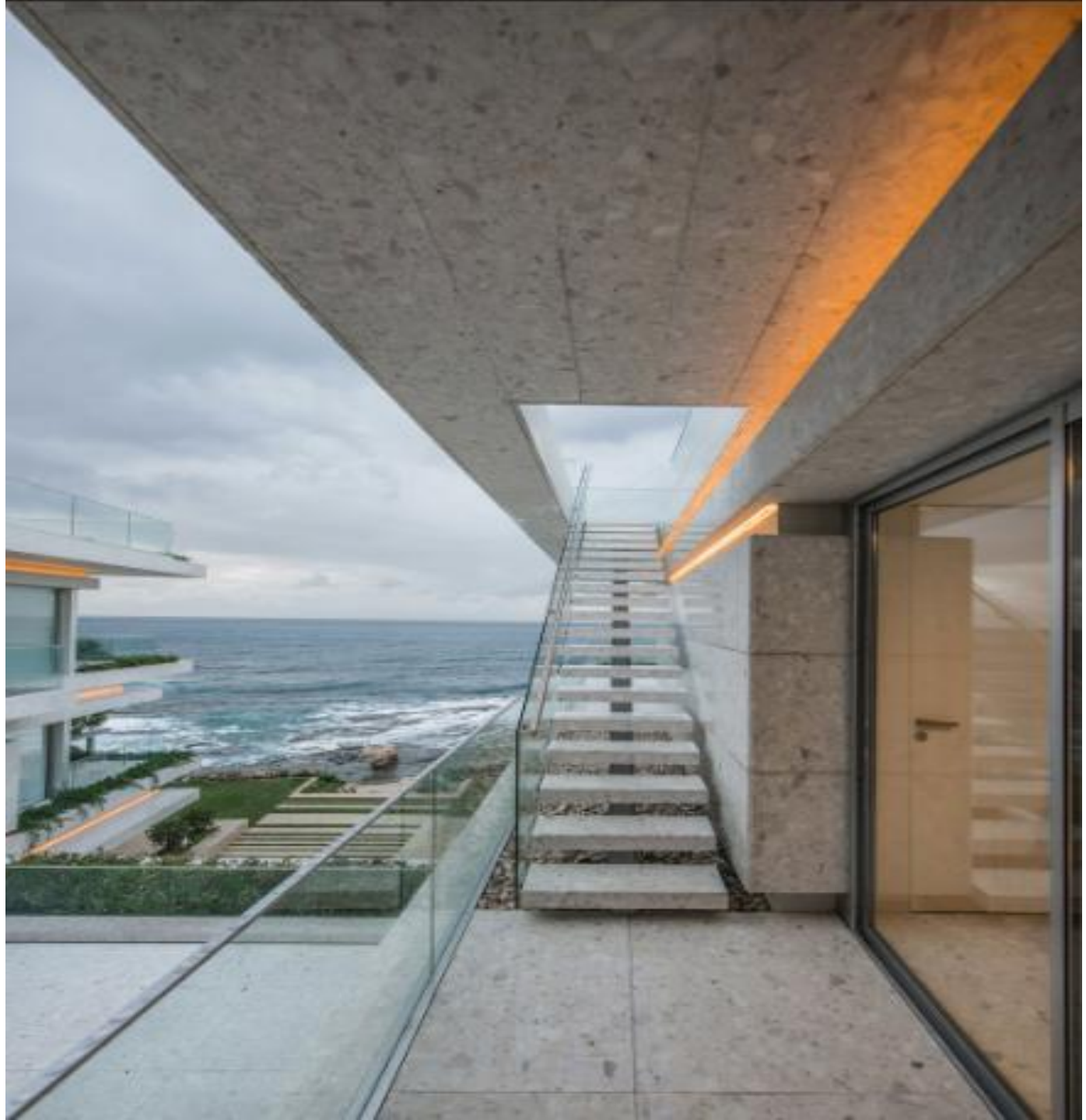




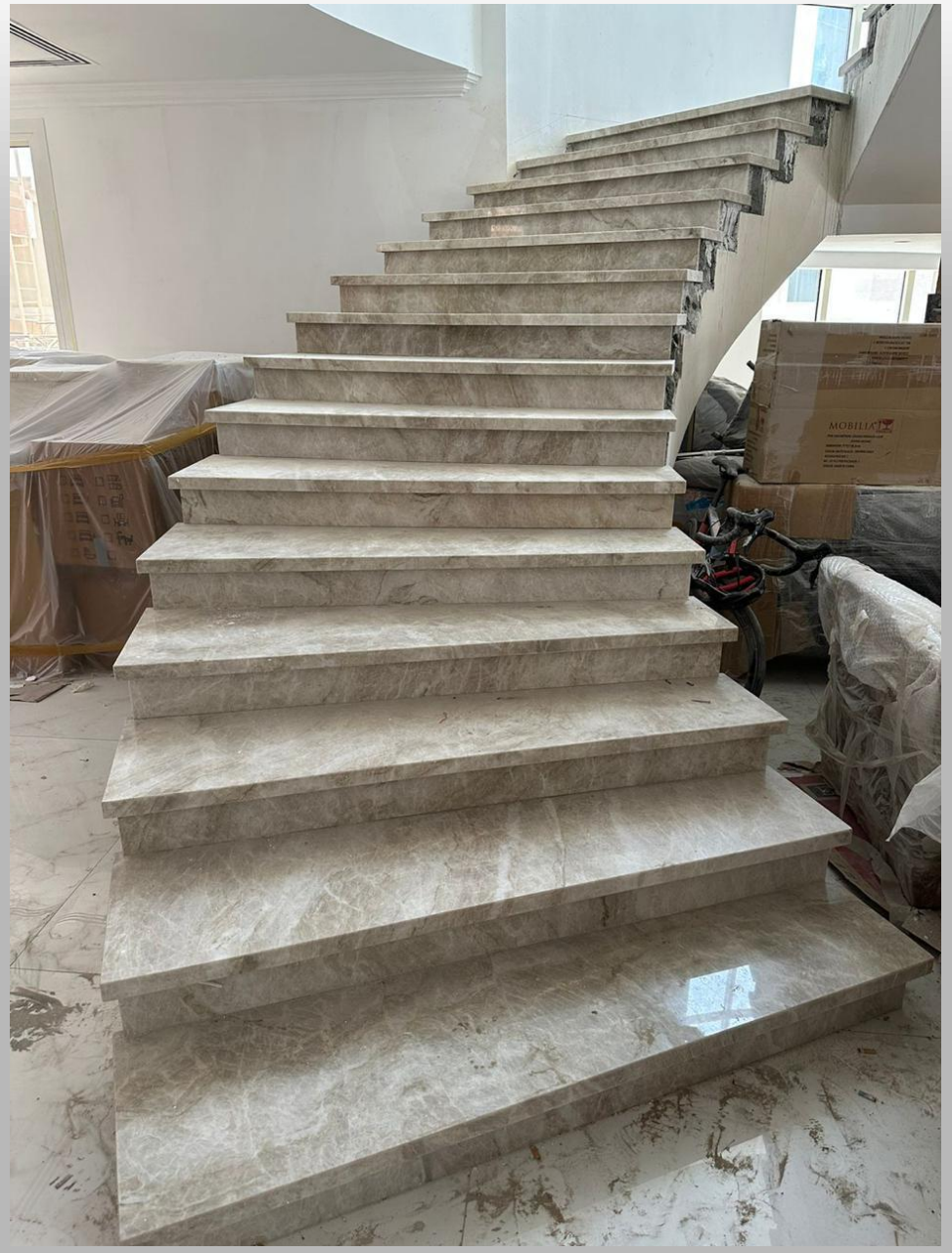




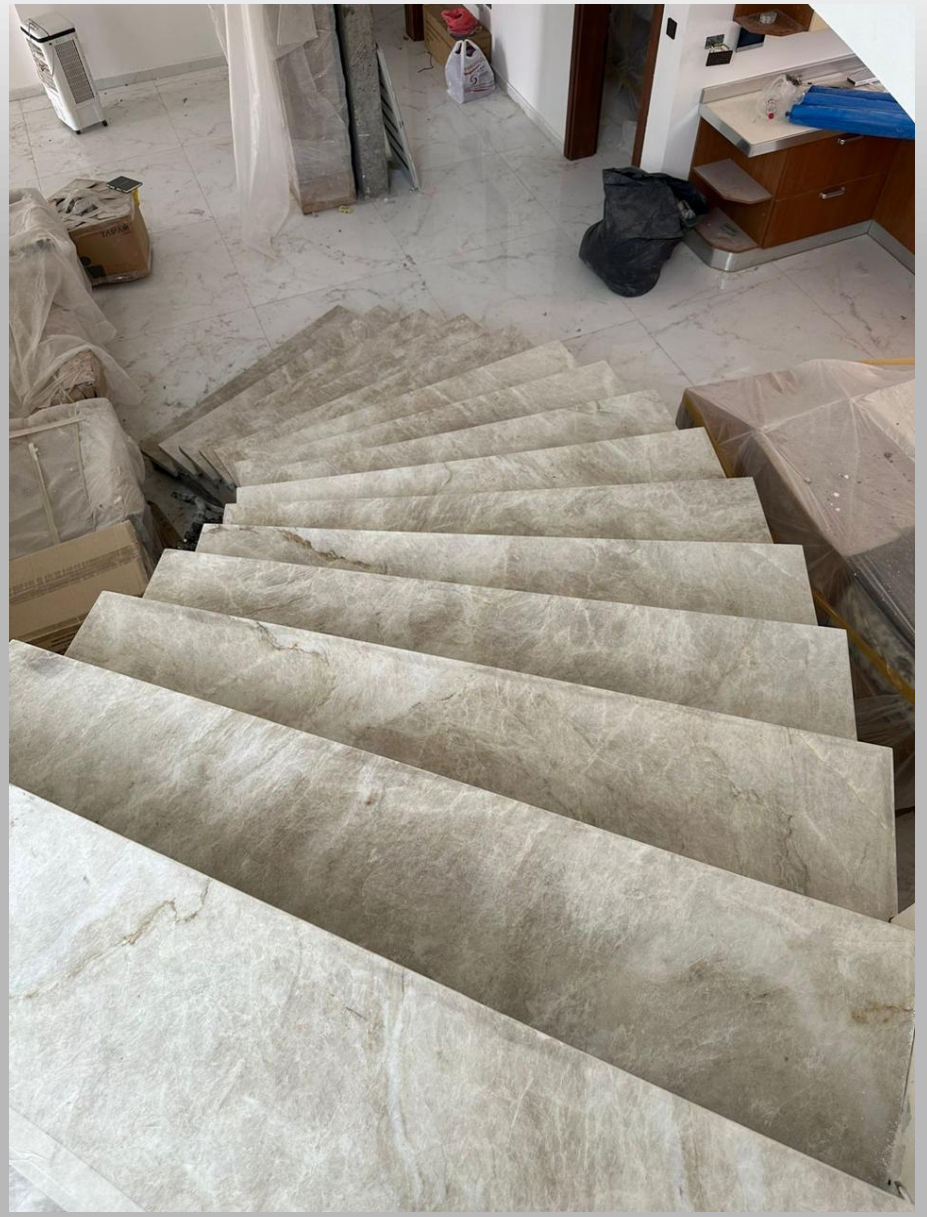






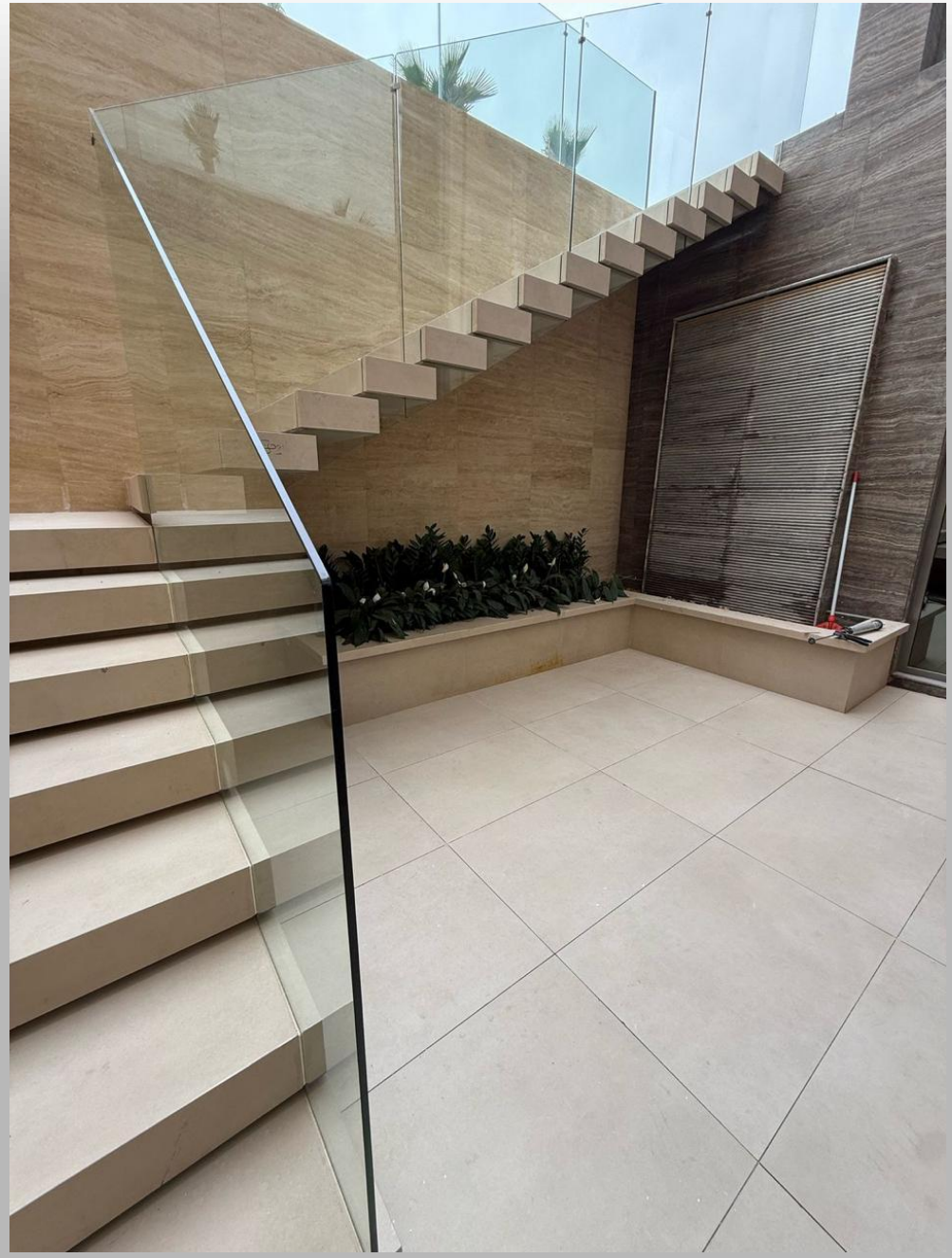

MOBILIA















OUTDOOR & INDOOR

DESIGNS

MASS

CHOICE GROUP

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A classic design can be transform to
contemporary design by elegant touch







The concept of each design

to be reflected internally and externally















We design and execute luxury
but we always consider functionality.





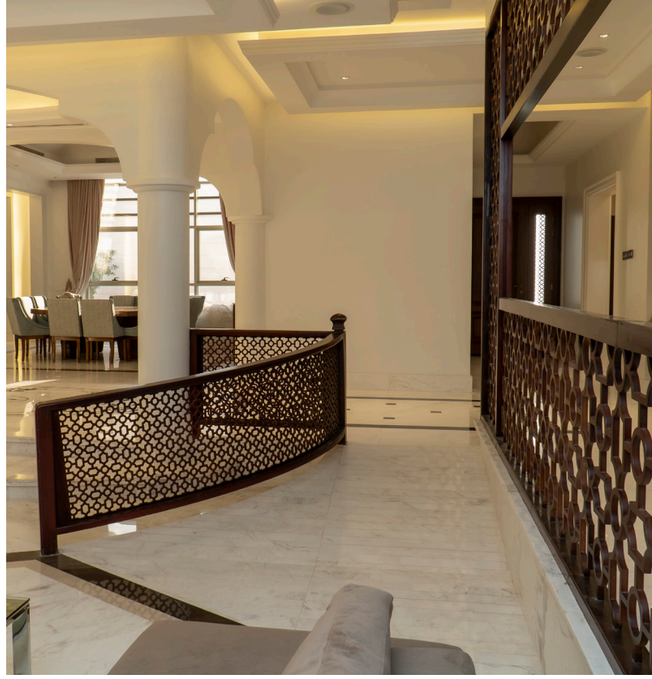


Lighting design always reveal the material
and the shades to other stage of reality

















Creativity and reality is a challenge.

We have the courage to make it balance







Contrast and harmony is a method
of each successful design



MARBLE FLOOR

DESIGNS

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QA/QC Plan



Submit samples for approval

Submit shop drawings for approval

Preparation of material

Inspect site for work feasibility

Inspect electrical and civil work clearance

Inspect electrical and civil work clearance

Submit quotation

Divide project into main areas

Issue cut order after approval

Inspect site (sand, water, cement)

Select material to reduce variation

Cut material according to the approved shop drawings

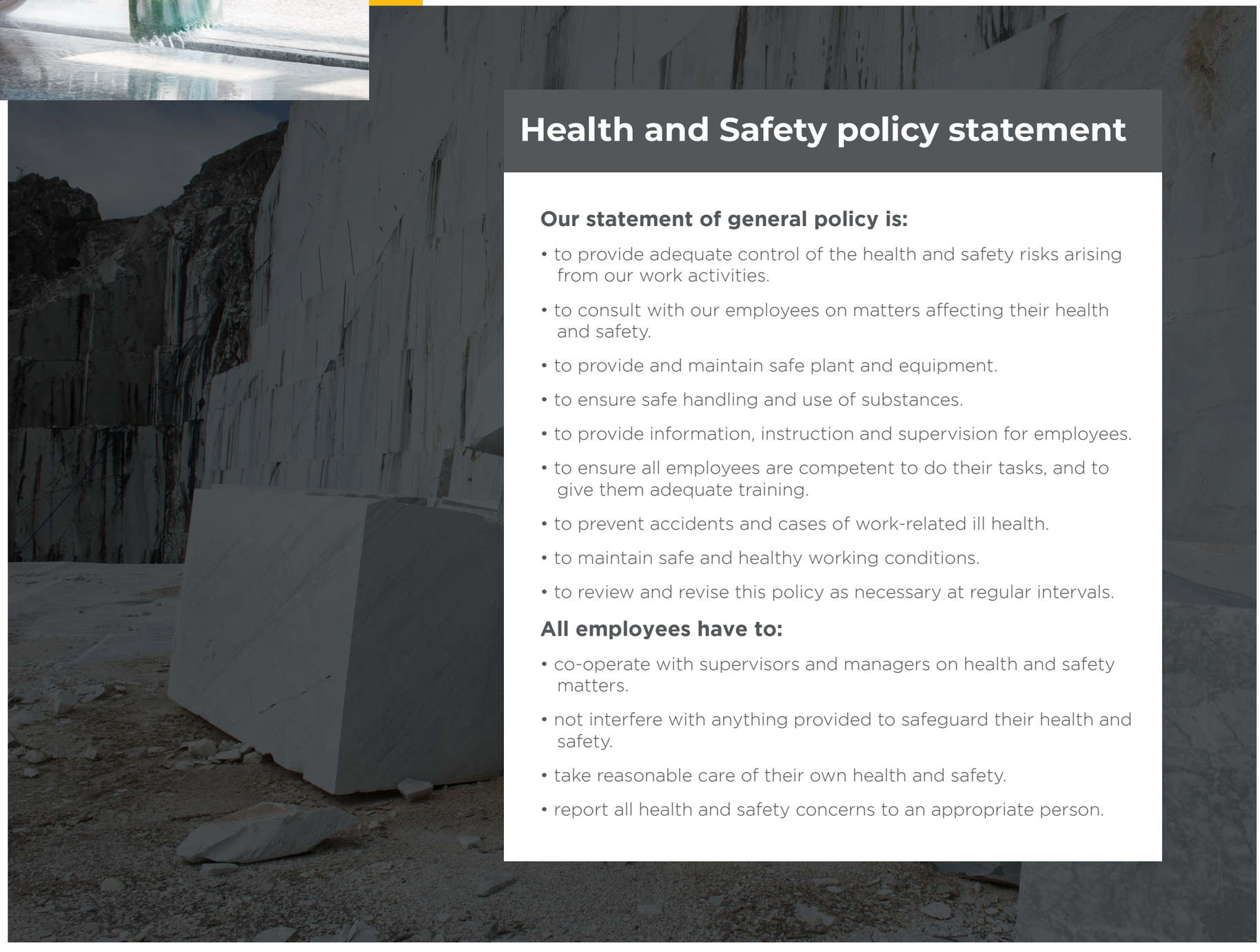
Inspect accuracy and deficit

Treat material

Pack and load material

Ship material and laborers to the site

WE FOLLOW HIGH STANDARD METHOD FOR CUTTING AND FIXING USING LATEST MATERIALS AND MACHINERIES.



Health and Safety policy statement

Our statement of general policy is:

- to provide adequate control of the health and safety risks arising from our work activities.
- to consult with our employees on matters affecting their health and safety.
- to provide and maintain safe plant and equipment.
- to ensure safe handling and use of substances.
- to provide information, instruction and supervision for employees.
- to ensure all employees are competent to do their tasks, and to give them adequate training.
- to prevent accidents and cases of work-related ill health.
- to maintain safe and healthy working conditions.
- to review and revise this policy as necessary at regular intervals.

All employees have to:

- co-operate with supervisors and managers on health and safety matters.
- not interfere with anything provided to safeguard their health and safety.
- take reasonable care of their own health and safety.
- report all health and safety concerns to an appropriate person.

PROJECTS

Project	Contractions	Value DHS
Jumeirah island	Wade adams	820,000
Jumeirah island	Ali moosa semp corp & obaidullah	906,000
Jumeirah island	Ali moosa semp corp & obaidullah	350,000
Mashreq marble	marblo	231,743
Stone FZE	stone11	175.000
Al ghurair city renewal	khansaheb	
Al fahed tiels		200,000
Captain marble		120,000
Dubai Marina		
6 Towers + 20 Villas	Naza Multiplex	1,850,000
Al Yasset Towers	Bin Maktoom Gen. Cont.	850,000
Dalma Towers	Al Rakha Gen. Cont	1,250,000
Design Design		200,300
Sheikh Palace	Al Ahmadiah	350,000
Sh.Khalifa Hospital	Guide Liner Décor	855,000
Al Aziz Mosque	Al Sarh Al Arabi	851,000
G + 2 Buildings	Belhabala Cont	500,000
Mosque , Bldgs	Al Hadeep Cont	620,000
Post office	Technical System	620,000
Post office	City Power Cont	936,000
Various Sites	Deira Consulate	210,000
Various Site	Mammut Cont	150,000
Sh. Khalifa hospital	Arab Cont	210,000
Iraqi Consulate Emirates Engineers & Doctors Assocition	Al Fahim Cont	1,250,000
Military Work	Force 10 U.A.E	1,200,000
Villas	Abraj Al Buhairah	356,000
Jumeirah Sheraton	Al Farida Invest	250,000
Villas	Gamamco	250,000
Villas	Gulf & World Cont	455,000
Villas	Gulf Lebanese	200,000









> With our modern machinery, we transform blocks and slabs as per clients imaginative designs

















> Each design is like a puzzle, we match it to get a masterpiece.











> The combination of the marble colors reflects the beauty and uniqueness of the design



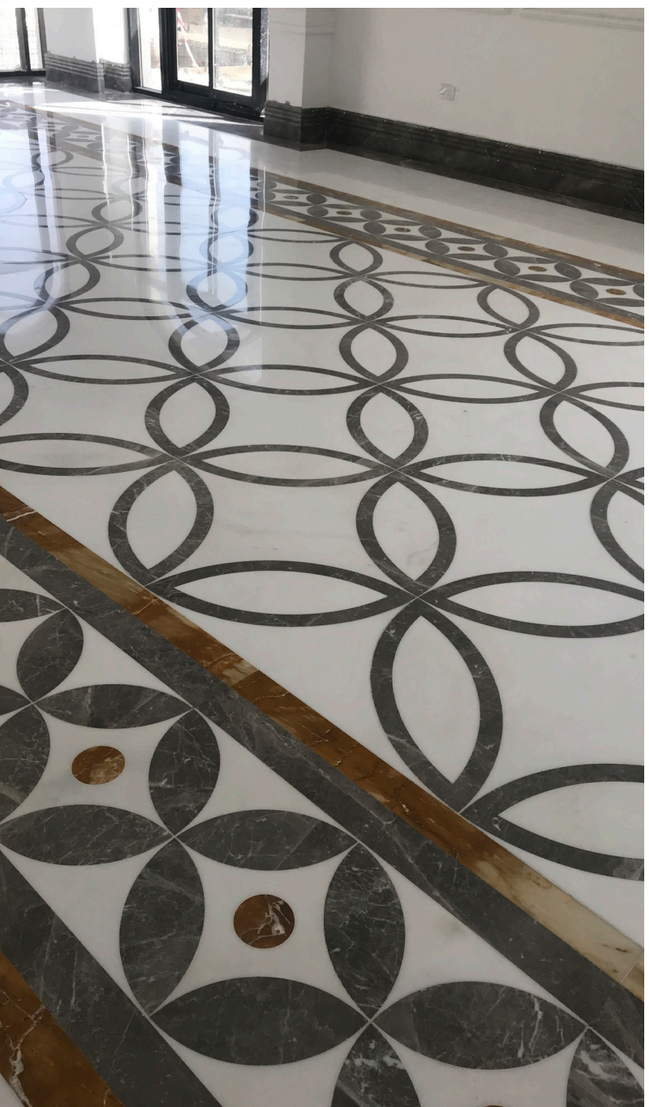














> Combined with artistic designs and Hi-Tech machinery, marble tiles are essence of luxury







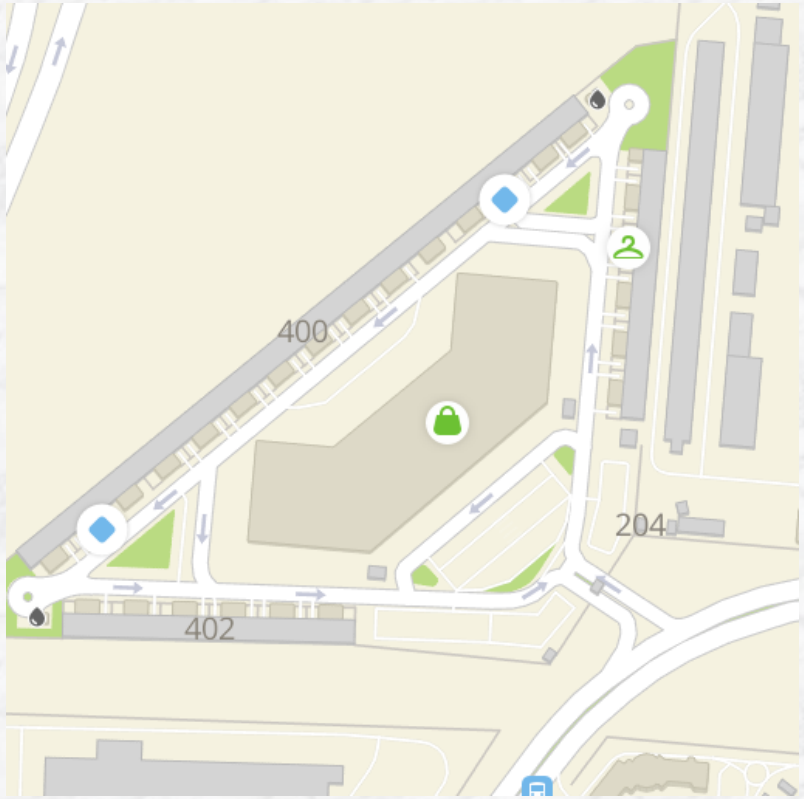


We meticulously craft each design with gentleness to have a comfortable result



Mass Choice Building Materials Trading LLC

- Location Map



- Shop 34 Building Material Mall
  Warsan 3, Dubai, UAE
  Email: admin@masstrading.ae
  Tel No: 04 576 5802

- Engr. Ahmad Wetti
  Project Sales Manager
  Mob: 050 212 6501



2. TRADE LICENSE

حكومة دبي
GOVERNMENT OF DUBAI

DUBAI
للاقتصاد والسياحة
Economy and Tourism

رخصة تجارية
Commercial License

License Details / تفاصيل الرخصة

License No.	901656		رقم الرخصة
Company Name	MASS CHOICE BUILDING MATERIALS TRADING L.L.C		اسم الشركة
Business Name	MASS CHOICE BUILDING MATERIALS TRADING L.L.C		الاسم التجاري
License Category	Dep. of Economic Development		فئة الرخصة
Legal Type	Limited Liability Company(LLC)		الشكل القانونى
Expiry Date	31/08/2026	تاريخ الإنتهاء	Issue Date 01/09/2020 تاريخ الإصدار
D&B D-U-N-S ® N		الرقم العالمى	Main License No. 901656 رقم الرخصة الام
Register No.	1508900	رقم السجل التجارى	DCCI No. 343992 عضوية الغرفة

License Members / الاطراف

رقم الشخص/No.	الإسم / Name	الجنسية / Nationality	الصفة / Role	الحصص / Share
1786207	مجد جلخى MAJD JALKHY	تركيا / Turkey	مدير / Manager	
824410	منهل سامح الاسعد البكرى MONHAL SAMEH ALASAAD AL BAKRI	سوريا / Syria	مدير / Manager	

License Activities / أنشطة الرخصة

النشاط	الحالة	Activity	Status
تجارة مواد البناء	فعال	Building & Construction Materials Trading	Active

Address / العنوان

P.O. Box		تليفون	Phone No
Parcel ID	811-2054	فاكس	Fax No
Email	admin@masstrading.ae	هاتف متحرك	Mobile No 971-55-3536646

صندوق بريد
رقم القطعة
البريد الإلكتروني

محل رقم 34-ملك بلدية دبي- الورسان الثالثة

Remarks / الملاحظات

Print Date 18/09/2025 11:41 تاريخ الطباعة

Receipt No. رقم الإيصال

الإمـــارات
THE EMIRATES

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شهادة تسجيل العضوية
Membership Certificate

License no.	901656	901656	رقم الرخصة
Membership no.	343992	343992	رقم العضوية
Registration no.	1508900	1508900	رقم السجل التجاري
Business Name	MASS CHOICE BUILDING MATERIALS TRADING L.L.C	ماس تشويس لتجارة مواد البناء ش.ذ.م.م	الاسم التجاري
Legal Status	Limited Liability Company(LLC)	ذات مسئولية محدودة	الشكل القانوني
Activity	Building & Construction Materials Trading	تجارة مواد البناء	نوع النشاط
Member Since	01/09/2020	01/09/2020	تاريخ الإنتساب
Date of Issue	01/09/2020	01/09/2020	تاريخ الإصدار
Expiry Date	31/08/2026	31/08/2026	تاريخ الإنتهاء

Remarks

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للتأكد من صحة بيانات الشهادة يرجى الرجوع إلى موقع الغرفة http://www.dubaichamber.ae/verify

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Fax (+971) 4 2211646 فاكس | customercare@dubaichamber.ae | www.dubaichamber.ae

3. ISO CERTIFICATE

CERTIFICATION & INSPECTION

Sertifika

BİEN YAPI ÜRÜNLERİ SANAYİ TURİZM VE TİCARET ANONİM ŞİRKETİ

MERSİS MERKEZ ADRES: BARBAROS MAH. BİLLUR SOK. NO: 1/16 ÇANKAYA ANKARA ADRES: PELİTÖZÜ KÖYÜ AYAZMA SOK. NO: 52 MERKEZ BİLECİK TÜRKİYE
ŞUBE ADRESİ: YENİ MAHALLE SERAMİK CADDESİ NO:7 BOZÜYÜK/BİLECİK TÜRKİYE
ŞUBE ADRESİ 2: HÜRRİYET 2. OSB MAHALLESİ 10. CAD. BİEN APT. NO:6/1/6 MERKEZ/BİLECİK TÜRKİYE

QSI yukarıda adı geçen kuruluşun **Çevre Yönetim Sisteminin** denetlendiğini ve aşağıda belirtilen standart gereklerine uygunluğunu onaylar. */ QSI certifies that the **Environmental Management System** of the above organization has been audited and found to be in accordance with the requirements of the standard detailed below.*

ISO 14001:2015

Kapsam / *Scope*

SERAMİK VE PORSELEN KAROLARIN TASARIMI, ÜRETİMİ VE SATIŞI / *DESIGN, MANUFACTURING AND SALES OF CERAMIC AND PORCELAIN TILES*

Sertifika No / *Certificate Number*	:	E2407170110881
İlk Yayın Tarihi / *Date of Initial Issue*	:	24.07.2017
Son Düzenleme Tarihi / *Date of Last Issue*	:	24.07.2024
Geçerlilik Tarihi / *Date of Expiry*	:	24.07.2025
Sertifikasyon Peryodu / *Certification Period*	:	3 Yıl / *Years*

Okay KAYHANLI
Genel Müdür / *General Manager*

TÜRKAK Çevre Yönetim Sistemi TS EN ISO/IEC 17021-1 AB-0081-YS

TÜRKAK BDS NO YS-9F98-8786

Bu sertifika, Kuruluşun belgelendirme şartlarına uyması ve yılda en az bir defa yapılacak gözetim denetiminin başarılı geçmesi halinde 3 Yıllık Sertifikasyon Periyodu bitişi tarihine kadar geçerlidir. Sertifikanın geçerlilik durumu www.qsicert.com adresinden kontrol edilebilir. */ This certificate is valid for 3-year certification cycle if the certified company meets certification requirements and succeeds at surveillance audits performed at least once a year. The validity status of the certificate can be checked from www.qsi.com.tr*

QSI Belgelendirme, Muayene ve Test Hizmetleri Ltd. Şti.
Beytepe Mah. 5397 Sokak, Mira Ofis B1 Blok D:2 Çankaya - Ankara - Türkiye T:0312 472 60 67 F:0312 472 60 68 info@qsi.com.tr

CERTIFICATION & INSPECTION

Sertifika

BİEN YAPI ÜRÜNLERİ SANAYİ TURİZM VE TİCARET ANONİM ŞİRKETİ

MERSİS MERKEZ ADRES: BARBAROS MAH. BİLLUR SOK. NO: 1/16 ÇANKAYA ANKARA ADRES: PELİTÖZÜ KÖYÜ AYAZMA SOK. NO: 52 MERKEZ BİLECİK TÜRKİYE
ŞUBE ADRESİ: YENİ MAHALLE SERAMİK CADDESİ NO:7 BOZÜYÜK/BİLECİK TÜRKİYE
ŞUBE ADRESİ 2: HÜRRİYET 2. OSB MAHALLESİ 10. CAD. BİEN APT. NO:6/1/6 MERKEZ/BİLECİK TÜRKİYE

QSI yukarıda adı geçen kuruluşun **Bilgi Güvenliği Yönetim Sisteminin** denetlendiğini ve aşağıda belirtilen standart gereklerine uygunluğunu onaylar. */ QSI certifies that the **Information Security Management System** of the above organization has been audited and found to be in accordance with the requirements of the standard detailed below*.

ISO 27001:2017

Kapsam / *Scope*

SERAMİK VE SERAMİK SAĞLIK GEREÇLERİ, GÜMRÜK VE DIŞ TİCARET İŞLEMLERİ VE BU İŞLEMLERE İLİŞKİN LOJİSTİK, DEEPOLAMA, MUHASEBE, FİNANS VE BİLGİ İŞLEM FAALİYETLERİNİN BİLGİ VARLIKLARI İLE BU VARLIKLARI KORUMAK AMACIYLA KULLANDIĞI GÜVENLİK ÖNLEMLERİ / *CERAMIC AND CERAMIC HEALTHCARE, CUSTOMS AND FOREIGN TRADE TRANSACTIONS AND RELATED TO THESE TRANSACTIONS, LOGISTICS, DEPOSITION AND ACCOUNTING OF INFORMATION AND ACCOUNTING, TO PROTECT LIABILITY SAFETY MEASURES USED*

Sertifika No / *Certificate Number*	:	BGYS2407170110881
İlk Yayın Tarihi / *Date of Initial Issue*	:	24.07.2017
Son Düzenleme Tarihi / *Date of Last Issue*	:	24.07.2024
Geçerlilik Tarihi / *Date of Expiry*	:	24.07.2025
Sertifikasyon Peryodu / *Certification Period*	:	3 Yıl / *Years*
Uygulanabilirlik Bil. Tarih ve No / *SOA Date - No*	:	14.05.2024 Rev:07

Okay KAYHANLI
Genel Müdür / *General Manager*

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

TÜRKAK
Bilgi Güvenliği Y.S
TS EN ISO/IEC 17021-1
AB-0081-YS

TÜRKAK BDS NO
YS-8C75-56EA

Bu sertifika, Kuruluşun belgelendirme şartlarına uyması ve yılda en az bir defa yapılacak gözetim denetiminin başarılı geçmesi halinde 3 Yıllık Sertifikasyon Periyodu bitişi tarihine kadar geçerlidir. Sertifikanın geçerlilik durumu www.qsicert.com adresinden kontrol edilebilir. */ This certificate is valid for 3-year certification cycle if the certified company meets certification requirements and succeeds at surveillance audits performed at least once a year. The validity status of the certificate can be checked from www.qsi.com.tr*

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CERTIFICATION & INSPECTION

Sertifika

BİEN YAPI ÜRÜNLERİ SANAYİ TURİZM VE TİCARET ANONİM ŞİRKETİ

MERSİS MERKEZ ADRES: BARBAROS MAH. BİLLUR SOK. NO: 1/16 ÇANKAYA ANKARA ADRES: PELİTÖZÜ KÖYÜ AYAZMA SOK. NO: 52 MERKEZ BİLECİK TÜRKİYE
ŞUBE ADRESİ: YENİ MAHALLE SERAMİK CADDESİ NO:7 BOZÜYÜK/BİLECİK TÜRKİYE
ŞUBE ADRESİ 2: HÜRRİYET 2. OSB MAHALLESİ 10. CAD. BİEN APT. NO:6/1/6 MERKEZ/BİLECİK TÜRKİYE

QSI yukarıda adı geçen kuruluşun **İş Sağlığı ve Güvenliği Yönetim Sisteminin** denetlendiğini ve aşağıda belirtilen standart gereklerine uygunluğunu onaylar. */ QSI certifies that the **Occupational Health and Safety Management System** of the above organization has been audited and found to be in accordance with the requirements of the standard detailed below.*

ISO 45001:2018

Kapsam / *Scope*

SERAMİK VE PORSELEN KAROLARIN TASARIMI, ÜRETİMİ VE SATIŞI *DESIGN, MANUFACTURING AND SALES OF CERAMIC AND PORCELAIN TILES*

Sertifika No / *Certificate Number*	:	İSG2407170110881
İlk Yayın Tarihi / *Date of Initial Issue*	:	24.07.2017
Son Düzenleme Tarihi / *Date of Last Issue*	:	24.07.2024
Geçerlilik Tarihi / *Date of Expiry*	:	24.07.2025
Sertifikasyon Peryodu / *Certification Period*	:	3 Yıl / *Years*

Okay KAYHANLI
Genel Müdür / General Manager

TÜRKAK BDS NO
YS-1A04-4F1C

Bu sertifika, Kuruluşun belgelendirme şartlarına uyması ve yılda en az bir defa yapılacak gözetim denetiminin başarılı geçmesi halinde 3 Yıllık Sertifikasyon Periyodu bitişi tarihine kadar geçerlidir. Sertifikanın geçerlilik durumu www.qsicert.com adresinden kontrol edilebilir. */ This certificate is valid for 3-year certification cycle if the certified company meets certification requirements and succeeds at surveillance audits performed at least once a year. The validity status of the certificate can be checked from www.qsi.com.tr*

QSI Belgelendirme, Muayene ve Test Hizmetleri Ltd. Şti.
Beytepe Mah. 5397 Sokak, Mira Ofis B1 Blok D:2 Çankaya - Ankara - Türkiye T:0312 472 60 67 F:0312 472 60 68 www.qsi.com.tr info@qsi.com.tr

CERTIFICATION & INSPECTION

Sertifika

BİEN YAPI ÜRÜNLERİ SANAYİ TURİZM VE TİCARET ANONİM ŞİRKETİ

MERSİS MERKEZ ADRES: BARBAROS MAH. BİLLUR SOK. NO: 1/16 ÇANKAYA ANKARA ADRES: PELİTÖZÜ KÖYÜ AYAZMA SOK. NO: 52 MERKEZ BİLECİK TÜRKİYE

QSI yukarıda adı geçen kuruluşun **Enerji Yönetim Sisteminin** denetlendiğini ve aşağıda belirtilen standart gereklerine uygunluğunu onaylar. */ QSI certifies that the **Energy Management System** of the above organization has been audited and found to be in accordance with the requirements of the standard detailed below.*

ISO 50001:2018

Kapsam / *Scope*

SERAMİK VE PORSELEN KAROLARIN TASARIMI, ÜRETİMİ VE SATIŞI / *DESIGN, PRODUCTION AND SALES OF CERAMIC AND PORCELAIN TILES*

Sertifika No / *Certificate Number*	:	EnYS2911220110881
İlk Yayın Tarihi / *Date of Initial Issue*	:	29.11.2022
Son Düzenleme Tarihi / *Date of Last Issue*	:	14.01.2025
Geçerlilik Tarihi / *Date of Expiry*	:	29.11.2025
Sertifikasyon Peryodu / *Certification Period*	:	3 Yıl / *Years*

Okay KAYHANLI
Genel Müdür / General Manager

TÜRKAK
Enerji Yönetim Sistemi
TS EN ISO/IEC 17021-1
AB-0081-YS

TÜRKAK BDS NO
YS-7FC4-47AA

Bu sertifika, Kuruluşun belgelendirme şartlarına uyması ve yılda en az bir defa yapılacak gözetim denetiminin başarılı geçmesi halinde 3 Yıllık Sertifikasyon Periyodu bitişi tarihine kadar geçerlidir. Sertifikanın geçerlilik durumu www.qsicert.com adresinden kontrol edilebilir. */ This certificate is valid for 3-year certification cycle if the certified company meets certification requirements and succeeds at surveillance audits performed at least once a year. The validity status of the certificate can be checked from www.qsi.com.tr*

QSI Belgelendirme, Muayene ve Test Hizmetleri Ltd. Şti.
Beytepe Mah. 5397 Sokak, Mira Ofis B1 Blok D:2 Çankaya - Ankara - Türkiye T:0312 472 60 67 F:0312 472 60 68 info@qsi.com.tr

CERTIFICATE
OF COMPLIANCE



QUA GRANITE

See product list below

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Sectopm 7.1 and 7.2.
Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011 and determined to comply with ANSI/BIFMA X7.1-2011 and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and 7.6.3. Panel based workstations are modeled in the open plan environment. Casegood systems and individual furniture items are modeled in the private office environment. Seating products are modeled in the seating environment. Classroom furniture is modeled using the standard classroom model in the California Department of Public Health (CDPH) Standard Method v1.2.

Building Products are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010, using the applicable exporsure scenario.

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CERTIFICATE
OF COMPLIANCE

60 X 120 Sg Luna Mid Grey 1	GREENGUARD Gold Certified	Certified	171574-420	04/29/2020-03/24/2021	
60 X 120 Sg Luna Mid Grey Semi Lap 1	GREENGUARD Gold Certified	Certified	171575-420	04/29/2020-03/24/2021	
60 X 120 Sg Luna Night 1	GREENGUARD Gold Certified	Certified	171576-420	04/29/2020-03/24/2021	
60 X 120 Sg Luna Night Semi Lap 1	GREENGUARD Gold Certified	Certified	171577-420	04/29/2020-03/24/2021	
60 X 120 Sg Luna Sand 1	GREENGUARD Gold Certified	Certified	171578-420	04/29/2020-03/24/2021	
60 X 120 Sg Luna Sand Semi Lap 1	GREENGUARD Gold Certified	Certified	171579-420	04/29/2020-03/24/2021	
60 X 120 Sg Luna Offwhite 1	GREENGUARD Gold Certified	Certified	171580-420	04/29/2020-03/24/2021	
60 X 120 Sg Luna Offwhite Semi Lap 1	GREENGUARD Gold Certified	Certified	171581-420	04/29/2020-03/24/2021	
60 X 120 Sg Stark Bianco 1	GREENGUARD Gold Certified	Certified	171582-420	04/29/2020-03/24/2021	
60 X 120 Sg Stark Graphite 1	GREENGUARD Gold Certified	Certified	171583-420	04/29/2020-03/24/2021	
60 X 120 Sg Stark Grey 1	GREENGUARD Gold Certified	Certified	171584-420	04/29/2020-03/24/2021	
60 X 120 Sg Stark Pearl 1	GREENGUARD Gold Certified	Certified	171585-420	04/29/2020-03/24/2021	
60 X 120 Sg Pearl Full Lap 1	GREENGUARD Gold Certified	Certified	171586-420	04/29/2020-03/24/2021	
60 X 120 Sg Mood Grey Full Lap 1	GREENGUARD Gold Certified	Certified	171587-420	04/29/2020-03/24/2021	
60 X 120 Sg Mood Ivory Full Lap 1	GREENGUARD Gold Certified	Certified	171588-420	04/29/2020-03/24/2021	

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CERTIFICATE
OF COMPLIANCE

60 X 120 Sg Nordic Grey Full Lap 1	GREENGUARD Gold Certified	Certified	171589-420	04/29/2020-03/24/2021	
60 X 120 Sg Nordic Ivory Full Lap 1	GREENGUARD Gold Certified	Certified	171590-420	04/29/2020-03/24/2021	
60 X 120 Sg Calacatta Full Lap 1	GREENGUARD Gold Certified	Certified	171591-420	04/29/2020-03/24/2021	
60 X 120 Sg Calacatta Beyaz Full Lap 1	GREENGUARD Gold Certified	Certified	171592-420	04/29/2020-03/24/2021	
60 X 120 Sg Omnia Beige Full Lap 1	GREENGUARD Gold Certified	Certified	171593-420	04/29/2020-03/24/2021	
60 X 120 Sg Omnia Brown Full Lap 1	GREENGUARD Gold Certified	Certified	171594-420	04/29/2020-03/24/2021	
60 X 120 Sg Omnia Grey Full Lap 1	GREENGUARD Gold Certified	Certified	171595-420	04/29/2020-03/24/2021	
60 X 120 Sg Tiber Wood Avana 1	GREENGUARD Gold Certified	Certified	171596-420	04/29/2020-03/24/2021	
60 X 120 Sg Tiber Wood Cherry Dekor Fon 1	GREENGUARD Gold Certified	Certified	171597-420	04/29/2020-03/24/2021	
60 X 120 Sg Tiber Wood Cherry 1	GREENGUARD Gold Certified	Certified	171598-420	04/29/2020-03/24/2021	
60 X 120 Sg Tiber Wood Grigio 1	GREENGUARD Gold Certified	Certified	171599-420	04/29/2020-03/24/2021	
60 X 120 Sg Tiber Wood Natural 1	GREENGUARD Gold Certified	Certified	171600-420	04/29/2020-03/24/2021	
60 X 120 Sg Trope Brown Full Lap 1	GREENGUARD Gold Certified	Certified	171601-420	04/29/2020-03/24/2021	
60 X 120 Sg Trope Grigio Full Lap 1	GREENGUARD Gold Certified	Certified	171602-420	04/29/2020-03/24/2021	
60 X 120 Sg Pulpis Grey Full Lap 1	GREENGUARD Gold Certified	Certified	171603-420	04/29/2020-03/24/2021	

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CERTIFICATE
OF COMPLIANCE

60 X 120 Sg Pulpis Grey 1	GREENGUARD Gold Certified	Certified	171604-420	04/29/2020-03/24/2021	
60 X 120 Sg Pulpis Nero Full Lap 1	GREENGUARD Gold Certified	Certified	171605-420	04/29/2020-03/24/2021	
60 X 120 Sg Pulpis Nero 1	GREENGUARD Gold Certified	Certified	171606-420	04/29/2020-03/24/2021	
60 X 120 Sg Pulpis Nero Semi Lap 1	GREENGUARD Gold Certified	Certified	171607-420	04/29/2020-03/24/2021	
60 X 120 Sg Canyon Grigio Full Lap 1	GREENGUARD Gold Certified	Certified	171608-420	04/29/2020-03/24/2021	
60 X 120 Sg Canyon Oro Full Lap 1	GREENGUARD Gold Certified	Certified	171609-420	04/29/2020-03/24/2021	
60 X 120 Sg Marjinal Siyah Full Lap 1	GREENGUARD Gold Certified	Certified	171610-420	04/29/2020-03/24/2021	
60 X 120 Sg Marjinal Beyaz Full Lap 1	GREENGUARD Gold Certified	Certified	171611-420	04/29/2020-03/24/2021	
60 X 120 Sg Marjinal Beyaz Mat 1	GREENGUARD Gold Certified	Certified	171612-420	04/29/2020-03/24/2021	
60 X 120 Sg Bianco River Full Lap 1	GREENGUARD Gold Certified	Certified	171613-420	04/29/2020-03/24/2021	
60 X 120 Sg Armada Mix Dekor Fon Full Lap 1	GREENGUARD Gold Certified	Certified	171614-420	04/29/2020-03/24/2021	
60 X 120 Sg Armada Dekor Fon Full Lap 1	GREENGUARD Gold Certified	Certified	171615-420	04/29/2020-03/24/2021	
60 X 120 Sg Marfil Rosso Full Lap 1	GREENGUARD Gold Certified	Certified	171616-420	04/29/2020-03/24/2021	
60 X 120 Sg Marfil Rosso Semi Lap 1	GREENGUARD Gold Certified	Certified	171617-420	04/29/2020-03/24/2021	
60 X 120 Sg Ramo Misto Full Lap 1	GREENGUARD Gold Certified	Certified	171618-420	04/29/2020-03/24/2021	

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CERTIFICATE
OF COMPLIANCE

60 X 120 Sg Ramo Misto Semi Lap 1	GREENGUARD Gold Certified	Certified	171619-420	04/29/2020-03/24/2021	
60 X 120 Sg Venüs Full Lap 1	GREENGUARD Gold Certified	Certified	171620-420	04/29/2020-03/24/2021	
60 X 120 Sg Misty Full Lap 1	GREENGUARD Gold Certified	Certified	171621-420	04/29/2020-03/24/2021	
60 X 120 Sg Pizarra Full Lap 1	GREENGUARD Gold Certified	Certified	171622-420	04/29/2020-03/24/2021	
60 X 120 Sg Rozetta Full Lap 1	GREENGUARD Gold Certified	Certified	171623-420	04/29/2020-03/24/2021	
60 X 120 Sg Akustic Antrasit Full Lap 1	GREENGUARD Gold Certified	Certified	171624-420	04/29/2020-03/24/2021	
60 X 120 Sg Akustic Grey Full Lap 1	GREENGUARD Gold Certified	Certified	171625-420	04/29/2020-03/24/2021	
60 X 120 Sg Deepstone Full Lap 1	GREENGUARD Gold Certified	Certified	171626-420	04/29/2020-03/24/2021	
60 X 120 Sg Etna Full Lap 1	GREENGUARD Gold Certified	Certified	171627-420	04/29/2020-03/24/2021	
60 X 120 Sg Maiorca Blue Full Lap 1	GREENGUARD Gold Certified	Certified	171628-420	04/29/2020-03/24/2021	
60 X 120 Sg Maiorca Gris Full Lap 1	GREENGUARD Gold Certified	Certified	171629-420	04/29/2020-03/24/2021	
60 X 120 Sg Crown Dekor Fon Full Lap 1	GREENGUARD Gold Certified	Certified	171630-420	04/29/2020-03/24/2021	
60 X 120 Sg Crown Full Lap 1	GREENGUARD Gold Certified	Certified	171631-420	04/29/2020-03/24/2021	
60 X 120 Sg Space Anthracite Full Lap 1	GREENGUARD Gold Certified	Certified	171632-420	04/29/2020-03/24/2021	
60 X 120 Sg Space Brown Full Lap 1	GREENGUARD Gold Certified	Certified	171633-420	04/29/2020-03/24/2021	

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CERTIFICATE
OF COMPLIANCE

60 X 120 Sg Space Grey Full Lap 1	GREENGUARD Gold Certified	Certified	171634-420	04/29/2020-03/24/2021	
60 X 120 Sg Imperial Full Lap 1	GREENGUARD Gold Certified	Certified	171635-420	04/29/2020-03/24/2021	
60 X 120 Sg Tokyo Black Full Lap 1	GREENGUARD Gold Certified	Certified	171636-420	04/29/2020-03/24/2021	
60 X 120 Sg Tokyo Black 1	GREENGUARD Gold Certified	Certified	171637-420	04/29/2020-03/24/2021	
60 X 120 Sg Tokyo Black Semi Lap 1	GREENGUARD Gold Certified	Certified	171638-420	04/29/2020-03/24/2021	
60 X 120 Sg Tokyo White 1	GREENGUARD Gold Certified	Certified	171639-420	04/29/2020-03/24/2021	
60 X 120 Sg Tokyo White Semi Lap 1	GREENGUARD Gold Certified	Certified	171640-420	04/29/2020-03/24/2021	
60 X 120 Sg Lienzo Full Lap 1	GREENGUARD Gold Certified	Certified	171641-420	04/29/2020-03/24/2021	
60 X 120 Sg Terrazzo Grigio 1	GREENGUARD Gold Certified	Certified	171642-420	04/29/2020-03/24/2021	
60 X 120 Sg Forest Cherry 1	GREENGUARD Gold Certified	Certified	171643-420	04/29/2020-03/24/2021	
60 X 120 Sg Forest Oak 1	GREENGUARD Gold Certified	Certified	171644-420	04/29/2020-03/24/2021	
60 X 120 Sg Forest Silver 1	GREENGUARD Gold Certified	Certified	171645-420	04/29/2020-03/24/2021	
60 X 120 Sg Statuario Full Lap 1	GREENGUARD Gold Certified	Certified	171646-420	04/29/2020-03/24/2021	
60 X 120 Sg Statuario Saten Mat 1	GREENGUARD Gold Certified	Certified	171647-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Anthracite Full Lap 1	GREENGUARD Gold Certified	Certified	171648-420	04/29/2020-03/24/2021	

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CERTIFICATE
OF COMPLIANCE

60 X 120 Sg Ark Anthracite 1	GREENGUARD Gold Certified	Certified	171649-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Anthracite Semi Lap 1	GREENGUARD Gold Certified	Certified	171650-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Ivory Full Lap 1	GREENGUARD Gold Certified	Certified	171651-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Ivory 1	GREENGUARD Gold Certified	Certified	171652-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Ivory Semi Lap 1	GREENGUARD Gold Certified	Certified	171653-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Night 1	GREENGUARD Gold Certified	Certified	171654-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Black 1	GREENGUARD Gold Certified	Certified	171655-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Black Semi Lap 1	GREENGUARD Gold Certified	Certified	171656-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Silver Full Lap 1	GREENGUARD Gold Certified	Certified	171657-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Silver 1	GREENGUARD Gold Certified	Certified	171658-420	04/29/2020-03/24/2021	
60 X 120 Sg Ark Silver Semi Lap 1	GREENGUARD Gold Certified	Certified	171659-420	04/29/2020-03/24/2021	
60 X 120 Sg Gazelle Full Lap 1	GREENGUARD Gold Certified	Certified	171660-420	04/29/2020-03/24/2021	
60 X 120 Sg Arch Gri Full Lap 1	GREENGUARD Gold Certified	Certified	171661-420	04/29/2020-03/24/2021	
60 X 120 Sg Rasa Nero 1	GREENGUARD Gold Certified	Certified	171662-420	04/29/2020-03/24/2021	
60 X 120 Sg Black Marble Full Lap 1	GREENGUARD Gold Certified	Certified	171663-420	04/29/2020-03/24/2021	

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CERTIFICATE
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60 X 120 Sg Black Marble 1	GREENGUARD Gold Certified	Certified	171664-420	04/29/2020- 03/24/2021	
60 X 120 Sg Black Marble Semi Lap 1	GREENGUARD Gold Certified	Certified	171665-420	04/29/2020- 03/24/2021	
60 X 120 Sg Paonazzo Full Lap 1	GREENGUARD Gold Certified	Certified	171666-420	04/29/2020- 03/24/2021	
60 X 120 Sg Paonazzo Semi Lap 1	GREENGUARD Gold Certified	Certified	171667-420	04/29/2020- 03/24/2021	
60 X 120 Sg Cipollino Grigio 1	GREENGUARD Gold Certified	Certified	171668-420	04/29/2020- 03/24/2021	
60 X 120 Sg Cipollino Nero 1	GREENGUARD Gold Certified	Certified	171669-420	04/29/2020- 03/24/2021	
60 X 120 Sg Cipollino White 1	GREENGUARD Gold Certified	Certified	171670-420	04/29/2020- 03/24/2021	
60 X 120 Sg Sombra Black Full Lap 1	GREENGUARD Gold Certified	Certified	171671-420	04/29/2020- 03/24/2021	
60 X 120 Sg Sombra Taupe Full Lap 1	GREENGUARD Gold Certified	Certified	171672-420	04/29/2020- 03/24/2021	
60 X 120 Sg Blue Jeans Full Lap 1	GREENGUARD Gold Certified	Certified	171673-420	04/29/2020- 03/24/2021	
60 X 120 Sg Esilla Anthracite 1	GREENGUARD Gold Certified	Certified	171674-420	04/29/2020- 03/24/2021	
60 X 120 Sg Esilla Ivory 1	GREENGUARD Gold Certified	Certified	171675-420	04/29/2020- 03/24/2021	
60 X 120 Sg Panda Full Lap 1	GREENGUARD Gold Certified	Certified	171676-420	04/29/2020- 03/24/2021	
60 X 120 Sg Spring Full Lap 1	GREENGUARD Gold Certified	Certified	171677-420	04/29/2020- 03/24/2021	
60 X 120 Sg Spring Semi Lap 1	GREENGUARD Gold Certified	Certified	171678-420	04/29/2020- 03/24/2021	

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60 X 120 Sg Sun Onyx Full Lap 1	GREENGUARD Gold Certified	Certified	171679-420	04/29/2020-03/24/2021	
60 X 120 Sg Espina Full Lap 1	GREENGUARD Gold Certified	Certified	171680-420	04/29/2020-03/24/2021	
60 X 120 Sg Espina Semi Lap 1	GREENGUARD Gold Certified	Certified	171681-420	04/29/2020-03/24/2021	
60 X 120 Sg Fuego Full Lap 1	GREENGUARD Gold Certified	Certified	171682-420	04/29/2020-03/24/2021	
60 X 120 Sg Lapis Anthracite 1	GREENGUARD Gold Certified	Certified	171683-420	04/29/2020-03/24/2021	
60 X 120 Sg Lapis Grey 1	GREENGUARD Gold Certified	Certified	171684-420	04/29/2020-03/24/2021	
60 X 120 Sg Lapis Ivory 1	GREENGUARD Gold Certified	Certified	171685-420	04/29/2020-03/24/2021	
60 X 120 Sg Lapis Mocha 1	GREENGUARD Gold Certified	Certified	171686-420	04/29/2020-03/24/2021	
60 X 120 Sg Deserto Anthracite Full Lap 1	GREENGUARD Gold Certified	Certified	171687-420	04/29/2020-03/24/2021	
60 X 120 Sg Deserto Brown Full Lap 1	GREENGUARD Gold Certified	Certified	171688-420	04/29/2020-03/24/2021	
60 X 120 Sg Choice Grey 1	GREENGUARD Gold Certified	Certified	171689-420	04/29/2020-03/24/2021	
60 X 120 Sg Choice Red 1	GREENGUARD Gold Certified	Certified	171690-420	04/29/2020-03/24/2021	
60 X 120 Sg Choice White 1	GREENGUARD Gold Certified	Certified	171691-420	04/29/2020-03/24/2021	
60 X 120 Sg Dolomit Full Lap 1	GREENGUARD Gold Certified	Certified	171692-420	04/29/2020-03/24/2021	
60 X 120 Sg Marquina Full Lap 1	GREENGUARD Gold Certified	Certified	171693-420	04/29/2020-03/24/2021	

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OF COMPLIANCE

60 X 120 Sg Black Golden Full Lap 1	GREENGUARD Gold Certified	Certified	171694-420	04/29/2020- 03/24/2021	
60 X 120 Sg Mellow Gold Full Lap 1	GREENGUARD Gold Certified	Certified	171695-420	04/29/2020- 03/24/2021	
60 X 120 Sg Corvino Siyah Full Lap 1	GREENGUARD Gold Certified	Certified	171696-420	04/29/2020- 03/24/2021	
60 X 120 Sg Artwork Dekor Fon Full Lap 1	GREENGUARD Gold Certified	Certified	171697-420	04/29/2020- 03/24/2021	
60 X 120 Sg Palisandro Full Lap 1	GREENGUARD Gold Certified	Certified	171698-420	04/29/2020- 03/24/2021	
60 X 120 Sg Statuario Lux Full Lap 1	GREENGUARD Gold Certified	Certified	171699-420	04/29/2020- 03/24/2021	
60 X 120 Sg Carrara Full Lap 1	GREENGUARD Gold Certified	Certified	171700-420	04/29/2020- 03/24/2021	
60 X 120 Sg Carrara Saten Mat 1	GREENGUARD Gold Certified	Certified	171701-420	04/29/2020- 03/24/2021	
60 X 120 Sg Arabescato Full Lap 1	GREENGUARD Gold Certified	Certified	171702-420	04/29/2020- 03/24/2021	
60 X 120 Sg Deserto Decor Full Lap 1	GREENGUARD Gold Certified	Certified	171703-420	04/29/2020- 03/24/2021	
60 X 120 Sg Scuro 1	GREENGUARD Gold Certified	Certified	171704-420	04/29/2020- 03/24/2021	
60 X 120 Sg Aurora Full Lap 1	GREENGUARD Gold Certified	Certified	171705-420	04/29/2020- 03/24/2021	
60 X 120 Sg Bamboo 1	GREENGUARD Gold Certified	Certified	171706-420	04/29/2020- 03/24/2021	
60 X 120 Sg Qua Krystal Deep Blue Full Lap 1	GREENGUARD Gold Certified	Certified	171709-420	04/29/2020- 03/24/2021	
60 X 120 Sg Qua Krystal Black Full Lap 1	GREENGUARD Gold Certified	Certified	171710-420	04/29/2020- 03/24/2021	

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CERTIFICATE
OF COMPLIANCE

60 X 120 Sg Hielo Dark Full Lap 1	GREENGUARD Gold Certified	Certified	171711-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Luna Ash 1	GREENGUARD Gold Certified	Certified	171712-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Luna Cool Grey 1	GREENGUARD Gold Certified	Certified	171713-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Luna Mid Grey 1	GREENGUARD Gold Certified	Certified	171714-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Luna Sand 1	GREENGUARD Gold Certified	Certified	171715-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Luna Taupe 1	GREENGUARD Gold Certified	Certified	171716-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Luna Taupe Rustic 1	GREENGUARD Gold Certified	Certified	171717-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Luna Offwhite 1	GREENGUARD Gold Certified	Certified	171718-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Stark Graphite 1	GREENGUARD Gold Certified	Certified	171719-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Stark Grey 1	GREENGUARD Gold Certified	Certified	171720-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Stark Smoke 1	GREENGUARD Gold Certified	Certified	171721-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Tiber Wood Ash 1	GREENGUARD Gold Certified	Certified	171722-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Tiber Wood Avana Merdiven Basamağı 1	GREENGUARD Gold Certified	Certified	171723-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Tiber Wood Avana 1	GREENGUARD Gold Certified	Certified	171724-420	04/29/2020-03/24/2021	
60 X 120 X 2 Sg Tiber Wood Cherry 1	GREENGUARD Gold Certified	Certified	171725-420	04/29/2020-03/24/2021	

UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

CERTIFICATE
OF COMPLIANCE

60 X 120 X 2 Sg Tiber Wood Grigio 1	GREENGUARD Gold Certified	Certified	171726-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Tiber Wood Natural 1	GREENGUARD Gold Certified	Certified	171727-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Bazalt Black 1	GREENGUARD Gold Certified	Certified	171728-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Forest Cherry 1	GREENGUARD Gold Certified	Certified	171729-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Forest Natural 1	GREENGUARD Gold Certified	Certified	171730-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Forest Silver 1	GREENGUARD Gold Certified	Certified	171731-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Ark Anthracite 1	GREENGUARD Gold Certified	Certified	171732-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Ark Ivory 1	GREENGUARD Gold Certified	Certified	171733-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Ark Black 1	GREENGUARD Gold Certified	Certified	171734-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Ark Silver 1	GREENGUARD Gold Certified	Certified	171735-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Mayra 1	GREENGUARD Gold Certified	Certified	171736-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Mayra Rustic 1	GREENGUARD Gold Certified	Certified	171737-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Kaust Beige 1	GREENGUARD Gold Certified	Certified	171738-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Bavaria Anthracite 1	GREENGUARD Gold Certified	Certified	171739-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Bavaria Beige 1	GREENGUARD Gold Certified	Certified	171740-420	04/29/2020- 03/24/2021	

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CERTIFICATE
OF COMPLIANCE

60 X 120 X 2 Sg Nebraska Maple 1	GREENGUARD Gold Certified	Certified	171741-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Pietra Bavarese 1	GREENGUARD Gold Certified	Certified	171742-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Overland Anthracite 1	GREENGUARD Gold Certified	Certified	171743-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Overland Greige 1	GREENGUARD Gold Certified	Certified	171744-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Overland Pearl 1	GREENGUARD Gold Certified	Certified	171745-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Overland Sand 1	GREENGUARD Gold Certified	Certified	171746-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Wood Natural 1	GREENGUARD Gold Certified	Certified	171747-420	04/29/2020- 03/24/2021	
60 X 120 X 2 Sg Wood Vintage White 1	GREENGUARD Gold Certified	Certified	171748-420	04/29/2020- 03/24/2021	

Please refer to current certificates on ul.com/spg for complete compliance information.

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4. TECHNICAL DATA SHEETS

QUA GRANITE

EPD® THE INTERNATIONAL EPD® SYSTEM

EPD® TÜRKİYE THE INTERNATIONAL EPD® SYSTEM

ECO PLATFORM EPD VERIFIED



ENVIRONMENTAL PRODUCT DECLARATION

20 mm

Porcelain Tiles

IN ACCORDANCE WITH ISO 14025:2006 and EN 15804:2012 - A2:2021 and ISO 21930

Programme:	The International EPD® System
Programme Operator:	EPD Turkey / EPD International AB
S-P Code:	S-P-08768
Publication Date:	2023-09-18
Revision Date and Version:	2023-10-13, V1.01
Validity Date:	2028-09-17
Geographical Scope:	Türkiye

An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com.

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Programme Information

ISO standard ISO 21930 and CEN standard EN 15804 serves as the core Product Category Rules (PCR)

Product Category Rules (PCR):
2019:14 Version 1.2.5, 2024-12-20, Construction Products and CPC 54 Construction Services, EN 15804:2012 + A2:2019 Sustainability of Construction Works

PCR review was conducted by:
The Technical Committee of the International EPD® System.

Review chair: Claudia A. Peña, University of Concepción, Chile

EPDs within the same product category but registered in different EPD programmes may not be comparable. For two EPDs to be comparable, they must be based on the same PCR (including the same version number) or be based on fully-aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have equivalent system boundaries and descriptions of data; apply equivalent data quality requirements, methods of data collection, and allocation methods; apply identical cut-off rules and impact assessment methods (including the same version of characterisation factors); have equivalent content declarations; and be valid at the time of comparison.

LCA Accountability:
Metsims Sustainability Consulting

Third-party verification

Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:

EPD verification by individual verifier

Third party verifier: Prof. Ing. Vladimír Kočí, Ph.D., MBA, LCA Studio Šárecká 5,16000 Prague 6 - Czech Republic

Approved by: The International EPD® System

Procedure for follow-up of data during EPD validity involves third party verifier:

Yes No X

QUA GRANITE HAYAL YAPI VE ÜRÜN. SAN.TİC. A.Ş. has the sole ownership, liability, and responsibility for this EPD.

The International EPD® System

EPD International AB
Box 210 60 SE-100 31
Stockholm, Sweden
www.environdec.com

EPD Turkey

www.epdturkey.org
info@epdturkey.org

managed and run by
SÜRATAM
www.suratam.org
Nef 09 B Blok No:7/15 34415
Kagıthane/Istanbul, Turkey

About the Company

In July 2016, Qua Granite started its operations in Söke Organized Industrial Zone, Aydın, and has been growing steadily and rapidly since its establishment. Having started with a production capacity of 5,5 million m²/year, today the company produces technical granite and glazed granite (granite tile), the product group with the highest added value in the floor covering sector, in a closed area of 70 000 m² on 232 965 m2 of land.

Qua Granite completed the second production line in a short period of 6 months and put it into operation in June 2017 with a capacity of 5,5 million m² with the objectives of reaching optimum capacity utilization of the first line, benefiting from economies of scale and focusing on exports. With this investment, the company's total production capacity has reached 11 million m², making Qua Granite Türkiye's largest facility exclusively producing technical granite.

As of 2021, Qua Granite started its investments for capacity increase, and with the commissioning of 4 new lines in 2022, the company expanded its production capacity to 41.0 million m² in its facilities built on an open area of 304 068,58 m² and indoor area of 170 493 m², becoming one of the world's largest technical granite facilities producing under a single roof.

Qua Granite, which has attached importance to exports since the day it was founded, obtains more than half of its sales revenues from foreign markets. The company exports to approximately 100 countries and over 400 customers in 5 continents, mainly EU countries and the USA. Qua Granite, which develops strategies with the aim of pioneering sustainable development in every region where it operates and carries out its activities accordingly, considers environmental, social and economic sustainability as its main priority.



About the Product

20 mm

Porcelain Tiles

PORCELAIN CERAMIC TILE; It is called fully glazed (vitrified) ceramic tile with a water absorption capacity of 0.5% or less.

As QUA GRANIT, our company;
We produce porcelain tiles in 6.5 mm, 7 mm, 9 mm, 20 mm and 30 mm thicknesses and different sizes.

All of these products;

- It is in Group BIa Eb ⩽ 0.5% product group with low water absorption.
- It is produced as glazed (GL – Glazed).
- After it is produced, the box is rectified in a single dimension specified on them and in the technical reports and micro chamfer is applied and there is no different caliber class.

MASS (BODY)
The mixtures obtained from clay and/or other inorganic raw materials are formed into moist granules in a spray dryer after different mixing and grinding processes, and are shaped and dried by dry pressing in the form of falt plates (Method B). We use the term ceramic tile body for the dried raw ceramic plate formed here.

As Qua Granit, we have body productions in product-specific mixtures and colors.

- T1 colorless body
- G1 low amount black body mixed
- G2 high amount black body mixed
- B1 low amount Brown body mixed
- B2 high amount Brown body mixed

We make our productions by using the appropriate bodies for the product top image by coding in the form.

ENGOBE
It is a coating material that gives the clay-based, permeable or impermeable, matte-looking product the technical properties it needs, and is an intermediate layer that provides bonding by being applied between the glaze and the body. Different mixtures and application methods are used for our products.

GLAZE
It is the impermeable coating on the ceramic tile. Matte, glossy, and varieties that offer different visual, physical and features are developed specifically for the products.

Traditionally, these tiles are also preferred in places that will carry heavy loads when they are used by sticking to the surface to be applied, as well as being successfully used in raised floor applications in offices and workplaces by fixing them directly on grass, gravel and sand floors or with suitable plastic apparatus. This group products min. We produce them in R10 anti-slip class, so they can be used safely in areas such as gardens, terraces, poolside, wet walkways.

Technical Specifications

Characteristics	Test Results	EN 14411 ANNEX G Requirements	Test Method
A.1 b) Length & Width for rectified tiles	1195 ± 0,5 mm	120 cm side:1195 ± 1,0 mm	EN ISO 10545-2
	897 ± 0,5 mm	90 cm side: 897 ± 1,0 mm	
	597 ± 0,5 mm	60 cm side: 597± 1,0 mm	
	297 ± 0,5 mm	30 cm side: 297 ± 1,0 mm	
A.2 Thickness	max. ±0,4 mm	max. ± 0,5 mm	EN ISO 10545-2
A.3 Straightness of Sides	max. ± 0,8 mm	max. ± 0,8 mm	EN ISO 10545-2
A.4 Rectangularity	max ± 0,5 mm	max. ± 1,5 mm	EN ISO 10545-2
A.5 b) Center Curvature	max ± 0,5 mm	max. ± 1,8 mm	EN ISO 10545-2
A.5 d) Edge Curvature	max ± 0,5 mm	max. ± 1,8 mm	EN ISO 10545-2
A.5 f) Warpage-corner curvature	max ± 0,5 mm	max. ± 1,8 mm	EN ISO 10545-2
A.6 Surface Quality	> 95 % First Quality	> 95 % First Quality	EN ISO 10545-2
B.1 Water Absorption (by mass)	< 0,1 %	≤ 0,5 %	EN ISO 10545-3
B.2 Breaking Strength	> 9500N	> 1300 N	EN ISO 10545-4
B.3 Flextural-Bending Strength	min 35 N/mm²	min 35 N/mm²	EN ISO 10545-4
B.4 b) Resistance to surface abrasion	declared due to surface color	As declared	EN ISO 10545-7
Scratch Resistance	≥ 7 Mohs	As declared	EN 101
B.5 Coeff. Of Thermal Expansion	< 9,0 x 10-6	As declared	EN ISO 10545-8
B.6 Thermal Shock Resistance	Resistant	Required	EN ISO 10545-9
B.7 Crazing Resistance	Resistant	Required	EN ISO 10545-11
B.8 Frost Resistance	Resistant	Required	EN ISO 10545-12
B.9 Slipperiness	Matt : As declared	As declared	DIN 51130 and/or BS 7679 four S Rubber
B.10 Bond Strength	declared due to customer needs	As declared	EN 12004-1,4.1- 4.2- 4.3
B.11 Moisture Expansion	< 0,3 mm/m	As declared	EN ISO 10545-10
B.12 Small Colour Differences	ΔE_{cmc} < 0,50 for base colors	ΔE_{cmc} < 0,75	EN ISO 10545-16
B.13 Impact Resistance	applied due to customer needs	As declared	EN ISO 10545-5
B.14 Reaction to fire	Class A1 and A1FL	Class A1 and A1FL	-
C.1 a) Resistance to staining	Class 5	Min. Class 3	EN ISO 10545-14
C.2 a)Resistance to low conc. of Acid & Alkalis	min. LA	As declared	EN ISO 10545-13
C.2 b)Resistance to high conc. of Acid & Alkalis	min. HA	As declared	EN ISO 10545-13
C.2 b)Resistance to household Chemicals and swimming pool salts	min A class	Min. B class	EN ISO 10545-13
C.3 c)Release of dangerous substance : Cadmium	< 0,005 mg/dm2	As declared	EN ISO 10545-15
C.3 c)Release of dangerous substance : Lead	< 0,005 mg/dm2	As declared	EN ISO 10545-15

System Boundary

PRODUCT STAGE

A1. Raw Material Supply includes raw material extraction and pre-treatment processes before production. In this report, production for each product starts with raw material acquisition.

A2. Transport is relevant for delivery of raw materials to the plant and involves forklift usage within the factory.

A3. Manufacturing stages include production of granules by spray drying, forming, drying, glazing, firing and packaging. Transport is only relevant for delivery of raw materials to the plant and forklift usage within the factory. Packaging waste scenario is created separately depending on the geographic location of the installation process.

CONSTRUCTION PROCESS STAGE

A4. Transport includes transportation of wall tiles to the construction site. QUA transport tiles by seaway and road haulage to the distribution centres for export.

A5. Installation of the product stage includes the adhesive mortar and water usage in the construction site. For 1 m^2 porcelain tile installation; 4.2 kg mortar and 1.5 L water usage was assumed.

USE STAGE

B1. Use stage concerns emissions into environment. Porcelain tiles are inert materials, so during the use stage, they do not cause any emissions. Hence, use phase is not relevant for the assessment.

B2. Maintenance includes cleaning of tiles. QUA advices to use 0.2 mL detergent which contains stain remover or neutral low-sulphate and rinse with 0.1 L tap water after cleaning. The results are given for a one-time cleaning activity, as the activity will vary by user.

B3. Repair: QUA porcelain tiles require no repairing during the use phase and therefore no impacts has ocurred in this module.

B4. Replacement: QUA porcelain tiles require no replacement during the use phase and therefore no impacts has ocurred in this module.

B5. Refurbishment: QUA porcelain tiles require no refurbishment during the use phase and therefore no impacts has ocurred in this module.

B6. Operational Energy Use: Operational energy use is not relevant for this product.

B7. Operational Water Use: Operational water use is not relevant for this product.

END OF LIFE STAGE

C1. De-construction/demolition at the end of RSL is usually conducted with a selective deconstruction/demolition. The environmental impacts generated during this phase are very low and therefore can be neglected.

C2. Transport (Waste) includes the transportation of the discarded tiles. packaging material and adhesive mortar to final disposal. Average distance from demolition site to inert landfil site for final disposal is assumed to be 50 km.

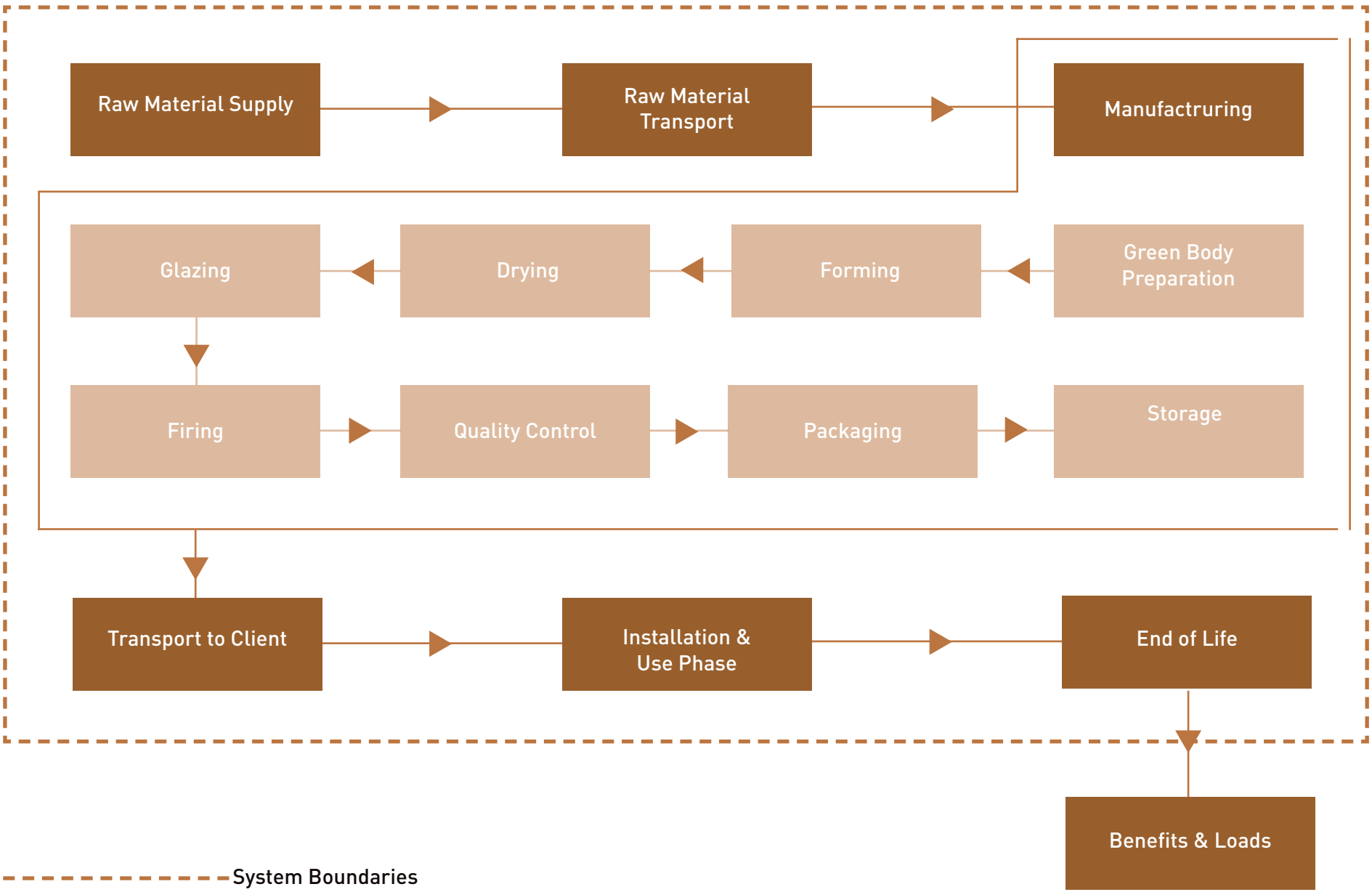
C3. Waste processing concerns processing of discarded porselain tiles for recycle or reuse. The environmental impacts generated during this phase are very low and therefore can be neglected.

C4. Disposal is the final stage of product life. Porcelain tiles end up at construction and demolition waste landfills as their final fate and modelled as such in this LCA.

BENEFITS AND LOADS

D. Benefits & Loads from the tiles are calculated in this stage.

System Boundary



LCA Information

Functional Unit	The functional unit is the production of 1 m^2 porcelain tile in 20 mm thickness with a mass of 44 kg
Goal and Scope	This EPD evaluates environmental impacts of 1 m^2 the porcelain tile
System Boundary	The system boundary covers A1 - A3 product stages referred as 'Raw material supply', 'Transport' and ' Manufacturing', A4 - A5 'Construction', B1 - B7 'Use' and C1 – C4 'End of life' stages and D 'Benefits and Loads' Stage.
Estimates and Assumptions	There are no additional product scenarios developed for this EPD.
Cut-Off Rules	No cut-off is applied. All raw materials and energy inputs are included. Any inventory for which no data available is amount to less than 1% by weight.
Background Data	This LCA modeling was done SimaPro 9.3 LCA software using the Ecoinvent 3.9.1
Geographical Scope	The geographical scope of this EPD is Türkiye.
Data Quality	Raw materials, energy and water consumption, waste, upstream and downstream transport data is collected from production site.
Period Under Review	All primary data collected from QUA Aydın Plant/Türkiye is for the period year of 2022.
Allocations	There are no co-products in the production of paint products. Hence, there is no need for co-product allocation.
Reach Regulation	The product does not contain any substance of very high concern (SVHC).
Comparability	A comparison or an evaluation of EPD data is only possible where EN 15804+A2 has been followed, and the same building context and product-specific characteristics of performance are taken into account and the same stages have been included in the system boundary. According to EN 15804+A2, EPD of construction products may not be comparable if they do not comply with this standard.
Packaging	Tile products produced by QUA is delivered to end users in carton, plastic and paper packagings.

Composition of Product

Product Composition	Weight, %	Post Consumer Material Weight, %	Renewable Material Weight, %
Feldspat	30-50	0	0
Clay	20-50	0	0
Others	0-15	0	0

Packaging Contents

Product Composition	Weight, kg	Post Consumer Material Weight, %	Renewable Material Weight, %
Carton	0,1	0	0
Plastic	0,065	0	0
Paper	0,1	100	0

Information on Biogenic Carbon Content According to EN15804+A2

Biogenic Carbon Content	Unit	Quantity
Biogenic carbon content in product	kg C	0,0009
Biogenic carbon content in packaging	kg C	0,0004

	Product Stage			Construction Process Stage		Use Stage							End of Life Stage				Benefits and Loads
	Raw Material Supply	Transport	Manufacturing	Transport	Construction Installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational Energy Use	Operational Water Use	Deconstruction / Demolition	Transport	Waste Processing	Disposal	Future reuse, recycling or energy recovery potentials
Module	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Modules Declared	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Geography	GLO	GLO	TR	GLO	GLO	GLO	GLO	GLO	GLO	GLO	GLO	GLO	GLO	GLO	GLO	GLO	GLO
Specific Data Used	>90%					-	-	-	-	-	-	-	-	-	-	-	-
Variation - Products	NR					-	-	-	-	-	-	-	-	-	-	-	-
Variation - Sites	NR					-	-	-	-	-	-	-	-	-	-	-	-

Description of the system boundary (X = Included in LCA, NR=Not Relevant)

The system boundaries in tabular form for all modules are shown in the table above. The results of the LCA with the indicators as per EPD requirement are given in the following tables for product stage (A1 - A3), construction process (A4. A5), use stage (B1 - B7). and end of life (C1 - C4). Life Cycle Inventory Analysis indicators describing the use of resources are determined respectively to the following impact categories. calculated using CML-IA Baseline (Ver. 3.5) method: Global Warming Potential (GWP) for time span of 100 years, Ozone Layer Depletion Potential (ODP) with time span of infinity, Formation Potential of Tropospheric Ozone Photochemical Oxidants (POCP) with time span of 5 days, Acidification Potential (AP) with time span of eternity. Eutrophication Potential (EP) with time span of eternity, Photochemical Oxidation (POCP) and Abiotic Depletion Potential for Fossil (ADPF) and Non-fossil (ADPE) resources. All energy calculations were done using Cumulative Energy Demand (LHV) methodology. The freshwater use value for manufacturing life cycle was taken from the manufacturer as the net freshwater consumption occurs during the manufacturing stage only.

LCA Results



Environmental Impacts for 1 m^2 porcelain tile in 20 mm thickness												
Impact Category	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3	C4	D
GWP - Fossil	kg CO_2 eq	20,3	4,23	8,32	0	0,379	0	0	0,481	0	0,606	-1,80
GWP - Biogenic	kg CO_2 eq	-1,74	0,001	0,071	0	-0,536	0	0	441E-6	0	0,004	-0,002
GWP - Luluc	kg CO_2 eq	0,076	0,002	0,009	0	0,651	0	0	237E-6	0	441E-6	-0,004
GWP - Total	kg CO_2 eq	18,6	4,23	8,40	0	0,494	0	0	0,482	0	0,610	-1,81
ODP	kg CFC-11 eq	445E-9	63,3E-9	328E-9	0	20,5E-9	0	0	10,5E-9	0	14,3E-9	-29,0E-9
AP	mol H+ eq	0,069	0,015	0,054	0	0,004	0	0	0,001	0	0,004	-0,015
EP - Freshwater (P)	kg P eq	0,008	0,000	0,003	0	0,007	0	0	34,2E-6	0	159E-6	-197E-6
EP - Marine	kg N eq	0,016	0,005	0,009	0	0,005	0	0	265E-6	0	0,002	-0,005
EP - Terrestrial	mol N eq	0,154	0,052	0,093	0	0,016	0	0	0,003	0	0,017	-0,052
POCP	kg NMVOC	0,062	0,020	0,035	0	0,003	0	0	0,002	0	0,006	-0,016
ADPE	kg Sb eq	8,14	0,263	4,20	0	0,719	0	0	0,028	0	0,556	-2,07
ADPF	MJ	29,7E-6	13,5E-6	95,7E-6	0	3,78E-6	0	0	1,57E-6	0	1,23E-6	-6,99E-6
WDP	m^3 depriv.	8,14	0,263	4,20	0	0,719	0	0	0,028	0	0,556	-2,07
PM	disease inc.	585E-9	336E-9	542E-9	0	71,7E-9	0	0	35,8E-9	0	92,9E-9	-180E-9
IR	kBq U-235 eq	0,444	0,051	0,418	0	0,021	0	0	0,009	0	0,017	-0,037
ETP - FW	CTUe	51,0	33,2	114	0	46,9	0	0	3,38	0	5,75	-15,0
HTTP - C	CTUh	13,9E-9	3,82E-9	10,3E-9	0	1,68E-9	0	0	438E-12	0	677E-12	-2,68E-9
HTTP - NC	CTUh	223E-9	85,4E-9	248E-9	0	38,2E-9	0	0	9,70E-9	0	7,58E-9	-35,4E-9
SQP	Pt	205	35,5	43,7	0	37,9	0	0	4,13	0	30,0	-47,6
Acronyms	GWP-total: Climate change, GWP-fossil: Climate change- fossil, GWP-biogenic: Climate change - biogenic, GWP-luluc: Climate change - land use and transformation, ODP: Ozone layer depletion, AP: Acidification terrestrial and freshwater, EP-freshwater: Eutrophication freshwater, EP-marine: Eutrophication marine, EP-terrestrial: Eutrophication terrestrial, POCP: Photochemical oxidation, ADPE: Abiotic depletion - elements, ADPF: Abiotic depletion - fossil resources, WDP: Water scarcity, PM: Respiratory inorganics - particulate matter, IR: Ionising radiation, ETP-FW: Ecotoxicity freshwater, HTP-c: Cancer human health effects, HTP-nc: Non-cancer human health effects, SQP: Land use related impacts, soil quality.											
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, A1-A3: Sum of A1, A2, and A3, A4: Transport to Site, A5: Installation, B1: Use, B2: Maintenance, B3: Repair, B4: Replacement, B5: Refurbishment, B6:Operational Energy Use, B7: Operational Water Use C1: De-Construction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads Beyond the System Boundary											
Disclaimer 1	This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator.											
Disclaimer 2	The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.											

Resource Use for 1 m^2 porcelain tile in 20 mm thickness												
Impact Category	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3	C4	D
PERE	MJ	54,4	0,756	8,07	0	18,6	0	0	0,107	0	0,225	-0,511
PERM	MJ	0	0	0	0	0	0	0	0	0	0	0
PERT	MJ	54,4	0,756	8,07	0	18,6	0	0	0,107	0	0,225	-0,511
PENRE	MJ	282	59,5	123	0	4,66	0	0	6,83	0	13,1	-24,7
PENRM	MJ	0	0	0	0	0	0	0	0	0	0	0
PENRT	MJ	282	59,5	123	0	4,66	0	0	6,83	0	13,1	-24,7
SM	kg	0	0	0	0	0	0	0	0	0	0	0
RSF	MJ	0	0	0	0	0	0	0	0	0	0	0
NRSF	MJ	0	0	0	0	0	0	0	0	0	0	0
FW	m^3	0,178	0,010	0,108	0	0,125	0	0	0,001	0	0,014	-0,155
Acronyms	PERE: Use of renewable primary energy excluding resources used as raw materials, PERM: Use of renewable primary energy resources used as raw materials, PERT: Total use of renewable primary energy, PENRE: Use of non-renewable primary energy excluding resources used as raw materials, PENRM: Use of non-renewable primary energy resources used as raw materials, PENRT: Total use of non-renewable primary energy, SM: Secondary material, RSF: Renewable secondary fuels, NRSF: Non-renewable secondary fuels, FW: Net use of fresh water.											

Waste Ouput Flows for 1 m^2 porcelain tile in 20 mm thickness												
Impact Category	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3	C4	D
HWD	kg	0,018	0	0	0	0	0	0	0	0	0	0
NHWD	kg	0,895	0	0	0	0	0	0	0	0	44,0	0
RWD	kg	0	0	0	0	0	0	0	0	0	0	0
CRU	kg	0	0	0	0	0	0	0	0	0	0	0
MFR	kg	0	0	0	0	0	0	0	0	0	0	0
MER	kg	0	0	0	0	0	0	0	0	0	0	0
EE (Electrical)	MJ	0	0	0	0	0	0	0	0	0	0	0
EE (Thermal)	MJ	0	0	0	0	0	0	0	0	0	0	0
Acronyms	HWD: Hazardous waste disposed, NHWD: Non-hazardous waste disposed, RWD: Radioactive waste disposed, CRU: Components for reuse, MFR: Material for recycling, MER: Materials for energy recovery, EE (Electrical): Exported energy electrical, EE (Thermal): Exported energy, Thermal.											

Climate Change Impact for 1 m^2 porcelain tile in 20 mm thickness												
Impact Category	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3	C4	D
***GHG-GWP**	kg CO_2 eq	20,4	4,23	8,37	0	1,07	0	0	0,481	0	0,608	-1,81
Acronyms	GHG-GWP = Global Warming Potential total excl. biogenic carbon following IPCC AR5 methodology * The indicator includes all greenhouse gases included in GWP-total but excludes biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. This indicator is thus equal to the GWP indicator originally defined in EN 15804:2012+A1:2013											

Glossary

Global Warming Potential, GWP	Global warming is a concept expressing warming of the atmosphere leading to climate change. One of the human activities which has the greatest effect on global warming is the burning of fossil fuels such as petroleum, coal and natural gas. In LCA, global warming is expressed in terms of the equivalent weight of carbon dioxide (CO_2) emitted.
Ozone Depletion Potential, ODP	Ozone layer depletion is a concept expressing the reduction of ozone in the stratosphere and depletion of the ozone layer (the 'ozone hole') as a consequence of emissions of man-made resources such as CFCs, HCFCs, chlorine, bromine, etc. Damage to the ozone layer reduces its ability to prevent UV light entering the earth's atmosphere, increasing the amount of carcinogenic UVB light hitting the earth's surface. In LCA, ozone layer depletion is expressed in terms of the equivalent weight of CFC-11 emitted.
Acidification Potential, AP	Acidification is an impact category expressing the toxic impact that acidifying substances have on soil, underground water-courses, ground water, organisms, ecosystems and materials. Reaction of acidic gases with water in the atmosphere creates 'acid rain'. The formation of acid rains causes a reduction in biodiversity. In LCA, acidification is expressed in terms of the equivalent weight of sulphur dioxide (SO_2) emitted.
Eutrophication Potential, EP	It is an abnormal proliferation of vegetation in the aquatic ecosystems caused by the addition of nutrients into rivers, lakes or ocean which determinates a lack of oxygen. The eutrophication potential is mainly influenced by emission into water of phosphates and nitrates. Its occurrence can lead to damage to ecosystems, increasing mortality of aquatic fauna and flora and to loss of species that are dependent on low-nutrient environments. In LCA, EP is expressed in mass of PO_4^{3-} eq.
Formation potential of tropospheric ozone photochemical oxidants, POCP	POCP is the formation of reactive substances (mainly ozone) which are injurious to human health and ecosystems and which also may damage crops. This problem is also indicated with "summer smog". In LCA, POCP is expressed in kg C_2H_4 eq.
Abiotic Depletion Potential, ADP	In LCA, resource depletion is one of the impact categories expressing how much of the world's natural resources (petroleum, iron ore, etc.) are used up. It has global, regional and local aspects of impact and expresses the amount of mineral/ fossil fuel used. In LCA, fossil and non-fossil resource depletion are expressed in terms of the MJ and Sb eq. respectively.

References

/ISO 9001:2015/ Quality Management Systems

/ISO 50001:2018/ Energy Management Systems

/GPI/ General Programme Instructions of the International EPD® System. Version 4.0.

/ISO 14020:2000/ Environmental Labels and Declarations — General principles

/EN 15804:2012+A2:2019/ Sustainability of construction works - Environmental Product Declarations — Core rules for the product category of construction products

/ISO 14025/ DIN EN ISO 14025:2009-11: Environmental labels and declarations - Type III environmental declarations — Principles and procedures

/ISO 14040/44/ DIN EN ISO 14040:2006-10, Environmental management - Life cycle assessment - Principles and framework (ISO14040:2006) and Requirements and guidelines (ISO 14044:2006)

PCR for Construction Products and Construction Services/ Prepared by IVL Swedish Environmental Research Institute, Swedish Environmental Protection Agency, SP Trä, Swedish Wood Preservation Institute, Swedisol, SCDA, Svenskt Limträ AB, SSAB, The International EPD System, 2019:14 Version 1.2.5

/The International EPD® System/ The International EPD® System is a programme for type III environmental declarations, maintaining a system to verify and register EPD®s as well as keeping a library of EPD®s and PCRs in accordance with ISO 14025. www.environdec.com

/Ecoinvent / Ecoinvent Centre, www.ecoinvent.org

/SimaPro/ SimaPro LCA Software, Pré Consultants, the Netherlands, www.pre-sustainability.com

/Metsims/ www.metsims.com

Version History

V1.01 - 2023-10-13
Technical specifications table updated.

Contacts

Programme	The International EPD® System www.environdec.com	
Programme operator	EPD International AB Box 210 60 SE-100 31 Stockholm, Sweden www.environdec.com info@environdec.com EPD® THE INTERNATIONAL EPD® SYSTEM	EPD registered through fully aligned regional programme: EPD Turkey www.epdturkey.org info@epdturkey.org SÜRATAM A.S. Nef 09 B Blok No:7/15, 34415 Kagıthane / Istanbul, TÜRKIYE www.suratam.org TÜRKIYE EPD® THE INTERNATIONAL EPD® SYSTEM
Owner of the declaration	QUA GRANITE	QUA GRANITE HAYAL YAPI VE ÜRÜN. SAN. TIC. AS. CUMHURIYET MAH. 1955 SK. 11 / 1 AYDIN / EFELER TÜRKIYE info@qua.com.tr www.qua.com.tr
LCA practitioner and EPD Design	metsims Sustainability Consulting Turkey: Nef 09 B Blok NO:7/46-47 34415 Kagıthane/Istanbul, TÜRKIYE +90 212 281 13 33	The United Kingdom: 4 Clear Water Place Oxford OX2 7NL, UK 0 800 722 0185 www.metsims.com info@metims.com
3rd party verifier	LCA.cz	Prof. Ing. Vladimír Koçí, Ph.D., MBA LCA Studio Šárecká 5,16000 Prague 6 - Czech Republic www.lcastudio.cz

QUA
GRANITE

www.qua.com.tr

5. TEST REPORTS

TEST REPORT
fks.15.02 / 01.02.2012

Name of The Product : 60x120x2cm Ark Ivory Rec.
Production Facility : Glazed Porcelain Factory
Product Group : Dry-pressed ceramic tiles / Group BIa / GL
Recommended Use : İnterior & exterior floor
General Properties : Mat
Report Date : 05.03.2025

Test Title	Test Results	Requirements	Desicion
Length & Width (mm)	597 x 1195 mm	596,5 – 597,5 mm 1194,5 – 1195,5 mm	OK
Thickness (mm)	20,0 mm	19,7 – 20,3 mm	OK
Straightness of Sides (%)	± %0,2	± %0,5	OK
Rectangularity (%)	± %0,2	± %0,6	OK
Edge Curvature (%)	± %0,2	± %0,5	OK
Corner Curvature (%)	± %0,2	± %0,5	OK
Center Curvature (%)	± %0,2	± %0,5	OK
Small Colour Differences	First Quality	> %95 perfect	OK
Water Absorption	< 0,1 %	≤ 0,5 %	OK
Breaking Strength (N)	> 9500N	> 9500 N	OK
Modulus of Rupture (N/mm^2)	>53 N/mm^2	> 35 N/mm^2	OK
Abrasion Resistance (PEI)	IV	As declared	OK
Coeff. Of Thermal Expansion	< 7,0 x 10^{-6}	As declared	OK
Thermal Shock Resistance	Resistant	Required	OK
Crazing Resistance	Resistant	Required	OK
Frost Resistance	Resistant	Required	OK
Coefficient of Friction (μ)	~0,62	As declared	OK
Moisture Expansion (mm/m)	< 0,3	As declared	OK
Impact Resistance	Resistant	As declared	OK
Staining Resistance	Class 5	Min. Class 3	OK
Resistance to low conc. of Acid & Alkalis	A	As declared	OK
Resistance to high conc. of Acid & Alkalis	A	As declared	OK
Household Chemicals	A	Min. B	OK
Release of Cadmium	< 0,07 mg/dm^2	As declared	OK
Release of Lead	< 0;8 mg/dm^2	As declared	OK
OVERALL RESULT	All test results are positive according to the norms of ISO 13006 and EN 14411 standards, Annex G.		

Prepared by
Kağan Kurnaz
Quality Assurance Staff

Approved by
Ahmet Pehlivan
Quality Assurance Manager

bien **TEST REPORT**
fks.15.02 / 01.02.2012

Name of The Product : 60x120x2cm Grovak White Rec.
Production Facility : Glazed Porcelain Factory
Product Group : Dry-pressed ceramic tiles / Group BIa / GL
Recommended Use : İnterior & exterior floor
General Properties : Mat
Report Date : 05.03.2025

Test Title	Test Results	Requirements	Desicion
Length & Width (mm)	597 x 1195 mm	596,5 – 597,5 mm 1194,5 – 1195,5 mm	OK
Thickness (mm)	20,0 mm	19,7 – 20,3 mm	OK
Straightness of Sides (%)	± %0,2	± %0,5	OK
Rectangularity (%)	± %0,2	± %0,6	OK
Edge Curvature (%)	± %0,2	± %0,5	OK
Corner Curvature (%)	± %0,2	± %0,5	OK
Center Curvature (%)	± %0,2	± %0,5	OK
Small Colour Differences	First Quality	> %95 perfect	OK
Water Absorption	< 0,1 %	≤ 0,5 %	OK
Breaking Strength (N)	> 9500N	> 9500 N	OK
Modulus of Rupture (N/mm²)	>53 N/mm²	> 35 N/mm²	OK
Abrasion Resistance (PEI)	V	As declared	OK
Coeff. Of Thermal Expansion	< 7,0 x 10^{-6}	As declared	OK
Thermal Shock Resistance	Resistant	Required	OK
Crazing Resistance	Resistant	Required	OK
Frost Resistance	Resistant	Required	OK
Coefficient of Friction (μ)	~0,62	As declared	OK
Moisture Expansion (mm/m)	< 0,3	As declared	OK
Impact Resistance	Resistant	As declared	OK
Staining Resistance	Class 5	Min. Class 3	OK
Resistance to low conc. of Acid & Alkalis	A	As declared	OK
Resistance to high conc. of Acid & Alkalis	A	As declared	OK
Household Chemicals	A	Min. B	OK
Release of Cadmium	< 0,07 mg/dm²	As declared	OK
Release of Lead	< 0;8 mg/dm²	As declared	OK
OVERALL RESULT	All test results are positive according to the norms of ISO 13006 and EN 14411 standards, Annex G.		

Prepared by
Kağan Kurnaz
Quality Assurance Staff

Approved by
Ahmet Pehlivan
Quality Assurance Manager

TEST REPORT
fks.15.02 / 01.02.2012

Name of The Product : 60x120x2 Overland Greige Rec.
Production Facility : Glazed Porcelain Factory
Product Group : Dry-pressed ceramic tiles / Group BIa / GL
Recommended Use : İnterior & exterior floor
General Properties : Mat
Report Date : 01.02.2025

Test Title	Test Results	Requirements	Desicion
Length & Width (mm)	597 x 1195 mm	596,5 – 597,5 mm 1194,5 – 1195,5 mm	OK
Thickness (mm)	20,00 mm	19,7 – 20,3 mm	OK
Straightness of Sides (%)	± %0,2	± %0,5	OK
Rectangularity (%)	± %0,2	± %0,6	OK
Edge Curvature (%)	± %0,2	± %0,5	OK
Corner Curvature (%)	± %0,2	± %0,5	OK
Center Curvature (%)	± %0,2	± %0,5	OK
Small Colour Differences	First Quality	> %95 perfect	OK
Water Absorption	< 0,1 %	≤ 0,5 %	OK
Breaking Strength (N)	> 9500 N	> 9500 N	OK
Modulus of Rupture (N/mm^2)	>57 N/mm^2	> 35 N/mm^2	OK
Abrasion Resistance (PEI)	IV	As declared	OK
Coeff. Of Thermal Expansion	< 7,0 x 10^{-6}	As declared	OK
Thermal Shock Resistance	Resistant	Required	OK
Crazing Resistance	Resistant	Required	OK
Frost Resistance	Resistant	Required	OK
Coefficient of Friction (μ)	~0,62	As declared	OK
Moisture Expansion (mm/m)	< 0,3	As declared	OK
Impact Resistance	Resistant	As declared	OK
Staining Resistance	Class 5	Min. Class 3	OK
Resistance to low conc. of Acid & Alkalis	A	As declared	OK
Resistance to high conc. of Acid & Alkalis	A	As declared	OK
Household Chemicals	A	Min. B	OK
Release of Cadmium	< 0,07 mg/dm^2	As declared	OK
Release of Lead	< 0;8 mg/dm^2	As declared	OK
OVERALL RESULT	All test results are positive according to the norms of ISO 13006 and EN 14411 standards, Annex G.		

Prepared by
Mustafa Öztürk
Quality Assurance Specialist

Approved by
Ahmet Pehlivan
Quality Assurance Manager

7. PREVIOUS PROJECT LIST / PREVIOUS PROJECT APPROVAL

Customer ID	Customer Name
5855944000000123730	HEIRS OF MR. RASHED SAEED BELAL
5855944000000143071	GOLDEN JAGUAR BUILDING MAINTENANCE L.L.C.
5855944000000150304	YAHYA SAEED AHMAD NASSER LOOTAH
5855944000000150404	ARTE NOVA GENERAL TRADING L.L.C
5855944000000150500	AL FWARES MARBLE TRADING
5855944000000103023	Borax Ceramics Trading L.L.C
5855944000000182903	MASTERY BUILDING CONTRACTING LLC
5855944000000188001	M G M BUILDING MATERIALS TRADING L.L.C
5855944000000199227	MR. TALEB HAMAD
5855944000000212040	DELTA MARBLE & CERAMIC TR
5855944000000228039	MR. ABDULLAH AL-AMIRI
5855944000000232051	GRANADA ARC MARBLE AND NATURAL STONE CO. LLC
5855944000000240001	Mr. Saeed Mohamed Ebrahim Bin Kharsham Al Ali
5855944000000239001	AHMED RASHED ALABDOULI
5855944000000252281	MR. RAMI LABIB SAEB
5855944000000254001	Mr. Abdulrahman Hussain Bushalat
5855944000000153021	JADE STONE BUILDING MATERIALS TRADING LLC
5855944000000286274	MR. AHMED MOHAMD HASSAN AHMED ABDALLA
5855944000000286648	DAR AL HAI CONTRACTING
5855944000000286001	DECORLINE FOR TECHNICAL SERVICES CONTRACTING CO. L.L.C
5855944000000099152	TANGERINE INTERIORS DECORATION WORKS LLC
5855944000000307153	NAVEED HUSSAIN LANDSCAPE AND GARDEN LLC
5855944000000334618	PBKG DESIGN LLC
5855944000000334784	AL SUWAIDI MBJ CONTRACTING
5855944000000339001	Sterling House Building Contracting LLC
5855944000000228001	BINGHATTI HOLDING LIMITED
5855944000000351035	GRANITO ART BUILDING MATERIALS TRADING L.L.C
5855944000000286274	MR. AHMED MOHAMD HASSAN AHMED ABDALLA
5855944000000357092	GULF MODERN CONTRACTING LLC
5855944000000353019	Al Meher Contracting CO LLC
5855944000000305001	UVG Project Management Services CO.L.L.C
5855944000000218617	MR. FARHAD HUSSAIN MAQBOOL AHMED MEMON
5855944000000175166	PUBLIKA BUILDING & CONSTRUCTION MATERIALS TRADING
5855944000000298057	MIMAR BUILDING CONTRACTING LLC
5855944000000420283	TAJ ALEMARA CONTRACTING LLC
5855944000000356001	Alice Building Contracting LLC
5855944000000335063	Al Madinat Al Hadaria Contracting LLC
5855944000000476056	GRANADA EUROPE ENGINEERING CONSTRUCTION LLC
5855944000000334618	PBKG DESIGN LLC
5855944000000441001	One Draft Contracting LLC
5855944000000500504	FIRST ART CONTRACTING LLC
5855944000000508012	ENGINEERING CORNER DECOR LLC
5855944000000295001	MR. ADJOUAD EL AROUCI
5855944000000506199	Alter Ego Decoration Design and Implementation L.L.C

5855944000000528033	S A A Line Interior Decoration L.L.C
5855944000000547168	City Housing Building Contracting L.L.C
5855944000000588807	CWS GENERAL TRADING LLC
5855944000000597098	ELKIN CORP BUILDING CONTRACTING LLC
5855944000000597191	DA VINCI STYLE BUILDING MATERIAL
5855944000000137823	REAL FIND & FIX DIGITAL MARKETING
5855944000000724272	VIBRANT STAR BUILDING CONSTRUCTION L.L.C
5855944000000849001	EUROPEAN STYLE BLDG MAT TR LLC SP
5855944000000457001	FIRST V TECHNICAL SERVICES LLC
5855944000000976001	OSMOSE CONTRACTING LLC
5855944000000356001	Alice Building Contracting LLC
5855944000001127100	Wefix Technical Services L.L.C
5855944000000519001	DESIGN INFINITY LLC
5855944000001200001	Midas Touch Building Material (Shafran Abj)
5855944000000808001	NATIONAL TRADING AND DEVELOPING ENTERPRISES LLC
5855944000001304473	PROJE DECORATION L.L.C
5855944000001365001	LUXURY TOUCH TECHNICAL WORKS L.L.C
5855944000000583771	ME LIVING CONTRACTING LLC
5855944000000514163	JADAN LANDSCAPING LLC
5855944000000922288	SKE TECHNICAL SERVICES L.L.C
5855944000000343099	AL MIZAN REALTY DEVELOPERS LLC
5855944000001445029	SHAIKHA NASSER ALI NASSER ALGHAITHI
5855944000001067298	VECTOR BUILDING MATERIALS TRADING CO LLC
5855944000000583552	HEIMBERG CONCEPT BUILDING MATERIALS TRADING LLC
5855944000000965001	AL ENMA ENGINEERING GENERAL CONTRACTING L.L.C-S.P.C
5855944000000967001	PERFECT TECHNICAL WORKS AND LANDSCAPING LLC
5855944000001270001	THRONE GENERAL TRADING - L.L.C
5855944000000588001	LEAVES AND MORE AGRICULTURAL L.L.C
5855944000001601031	GOTHENBURG BUILDING MATERIALS TRADING L.L.C
5855944000001654001	ALMORI SWIMMING POOL LLC
5855944000000609115	ALLURE DESIGNS TECHNICAL SERVICES LLC
5855944000001711010	MAKE IT TECHNICAL SERVICES L.L.C
5855944000001116001	NOOR STONES LLC SOLE PROPRIETORSHIP

SAF
Sample Approval Form

Project Name:	**Binghatti APEX**		
Project Proposed:	B+G+5P+4OFF.+33TYP.+1MECH+R	Client:	BINGHATTI Developers
Project Location:	JVC	Engineering Consultant:	Silverstone Eng'g Consultants
Project Plot No.:	JVC10SHRA004	Main Contractor:	Granada Europe Const. Co.

SAF Reference No.:	APEX_GEC_SAM_AR_SP_0005_REV_01	SAF Date:	05/04/2025	SAF Rev.:	01

SAF SCOPE OF WORK

☒ Civil	☐ MEP	☐ Joinery	☐ Aluminum	☐ AI

Dwg / Specs Ref. Nos:	Sample Elements to be inspected	Location	Date & Time of Inspection
	Tiles sample for hardscape 1- ARK IVORY 2- ARK WHITE	SWIMMING POOL	

The contractor strictly confirms that the SAF will be released at least 24 hours ahead of schedule.

SAF ATTACHMENTS

☒ Drawings	☒ Specifications	☐ MS/ TDS	☐ Warranties	☐ Time Impact Sheet	☐ Cost Impact Sheet

SAF REQUESTING BY

☐ Joinery/ Aluminum Head		☐ MEP ENGINEER		☐ Project Manager	
Name:		*Name:*		*Name:ENGR ALA ZABIEDAT*	
Signature:	*Date:*	*Signature:*	*Date:*	*Signature:*	*Date:21/03/2025*

The Contractor strictly confirms herewith that the MSF has been executed & coordinated precisely as per the approval of all drawings from the authorities and approved specifications from the engineering consultant.

QA/QC ENGINEERS COMMENTS AND APPROVAL STATUS

☐ Approved (A)	☐ Approved as Noted (B)	☐ Re- Submit (C)

Subject to ID team approval for the selection of material, colour and pattern

☐ QA/QC Civil Engineer		☐ QA/QC MEP Engineer		☐ QA/QC Head	
Name:		*Name:*		*Name:*	
Signature:	*Date:*	*Signature:*	*Date:*	*Signature:*	*Date:*

ENGINEERING COSULTANT COMMENTS AND APPROVAL STATUS

☒ Approved (A)	☐ Approved as Noted (B)	☐ Re- Submit (C)

LANDSCAPE COMMENTS:
SAMPLES APPROVED

(A) RFI - Resolve the Query

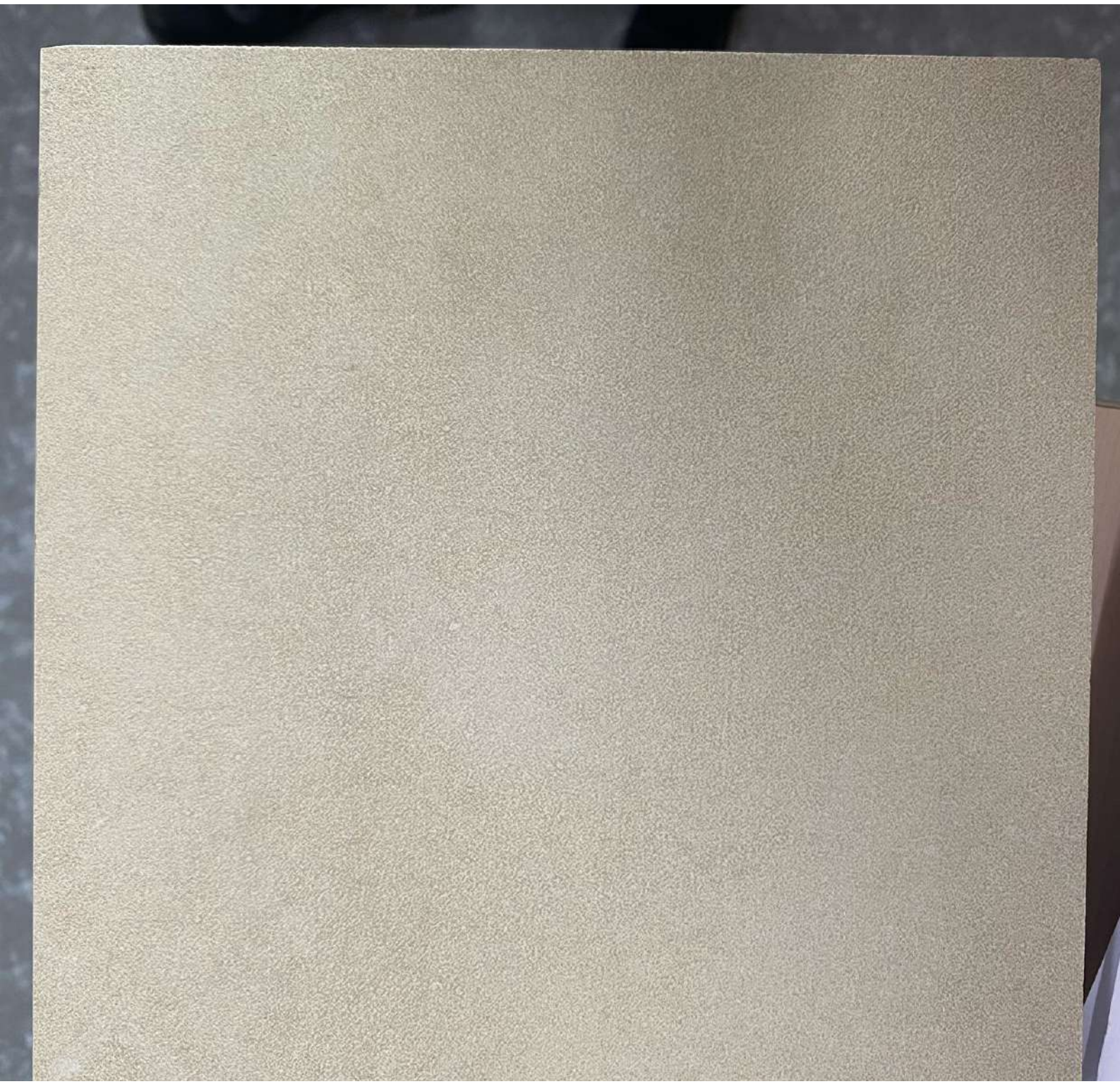
Submittal was reviewed for design conformity and general conformance to contract documents only.The Contractor is responsible in confirming and correlating Dimension at job site for tolerance , clearance , quantities ,fabrication processes ,and techniques of construction , coordination of his works with other trades and full compliance with contract documents.

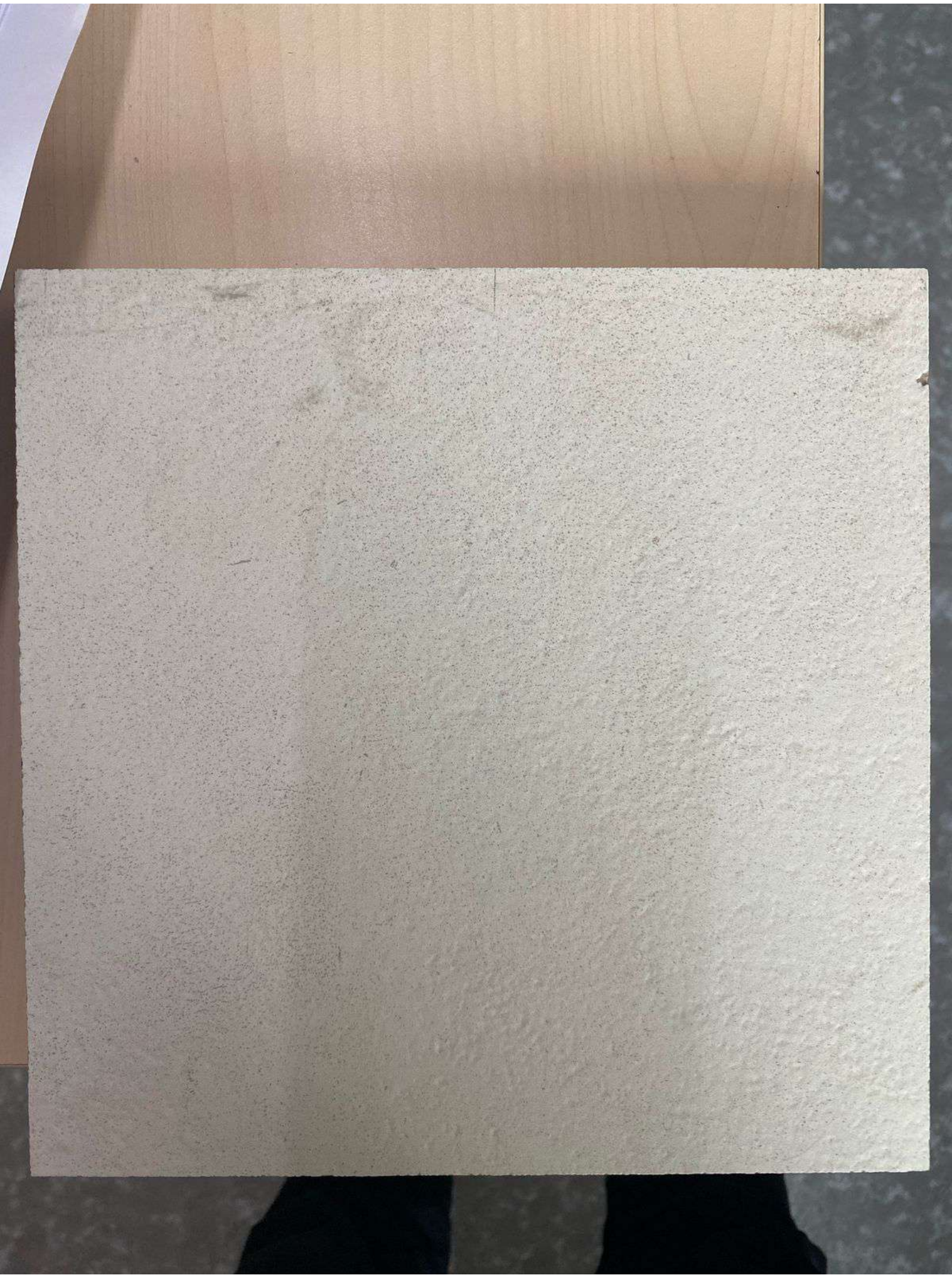
SILVER STONE ENGINEERING CONSULTANTS

Reviewed By : Eng. Nabeel Hellawi
Date : - - 2025
SS Head of Supervision : Eng. Ahmad Odeh

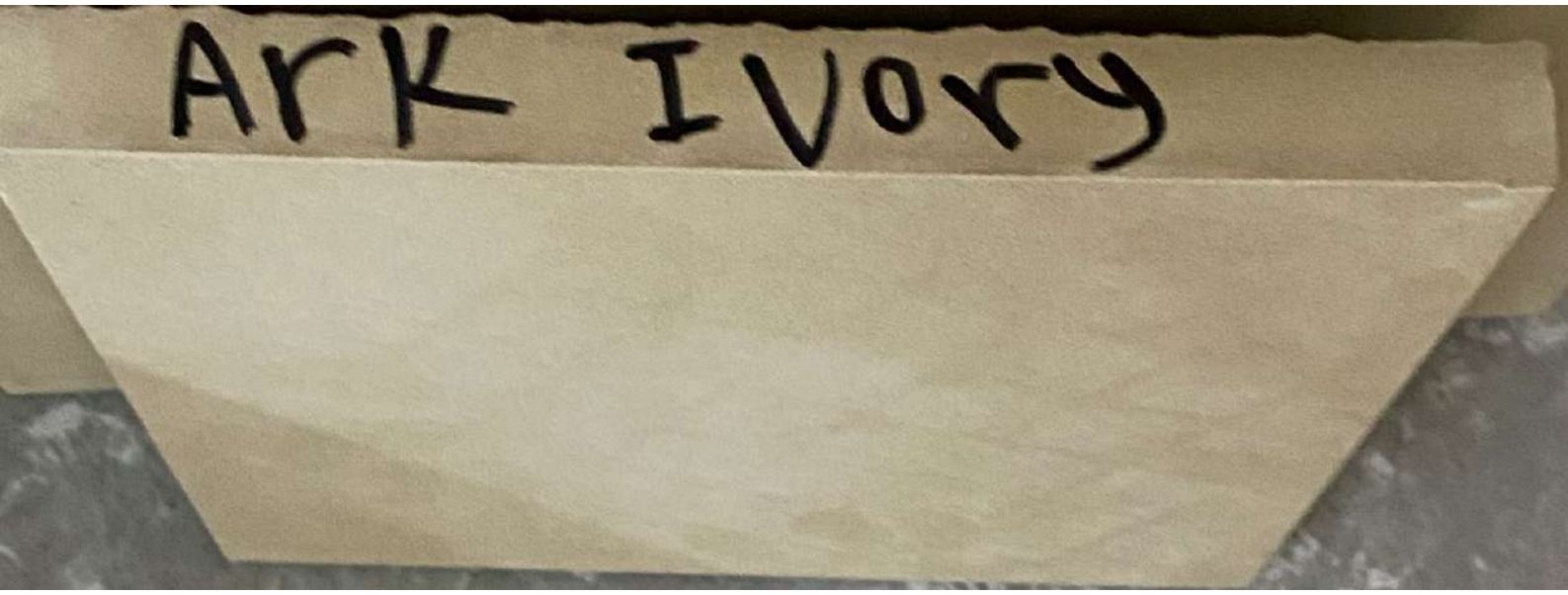
☐ ARCH		☐ STR		☐ MEP		☐ ID/ED	
Name:		*Name:*		*Name:*		*Name:*	
Signature:	*Date:*	*Signature:*	*Date:*	*Signature:*	*Date:*	*Signature:*	

Please consider the environment before printing





ARK WHITE


ARK IVORY

KULLANIM KILAVUZU

Aşağıdaki bilgiler karoların kullanımında en fazla verimi almak ve uzun süreli kullanım sağlamak adına yol gösterici olması amacıyla hazırlanmıştır.

KARO SEÇİMİ

• Seramik malzemelerin kullanım koşullarına uygun ve uzun ömürlü olması adına seçimlerinin özenle yapılması gerekmektedir. Kullanım alanına göre aşağıdaki sınıflandırma dikkate alınarak seçim yapılmalıdır.

1. Duvar Karosu: İç mekan duvar
2. Yer Karosu: İç mekan yer ve duvar
3. Porselen Karo: İç mekan yer ve duvar, dış mekan yer ve duvar ve cephe
4. Teknik Porselen Karo: İç mekan yer ve duvar, dış mekan yer ve duvar ve cephe

• Ürünlerin kullanım alanlarının özellikleri ile uyumlu olması verimliliği arttırmaktadır. Bu nedenle yaya trafiğinin ya da aşınmanın yüksek olduğu alanlarda trafik yoğunluğuna uygun ürünlerin tercih edilmesi faydalı olacaktır. İlgili trafik yoğunluğu bilgileri ürünlerin yanında yer almaktadır.

UYGULAMADA DİKKAT EDİLMESİ GEREKEN KONULAR

• Ürünler uygulanırken uygulama talimatlarına dikkat edilmelidir. Karolar uygulanmadan önce ton ve kalibre kontrolleri yapılmalı, aynı alana uygulanacak ürünlerin aynı tonda ve kalibrede olmasına özen gösterilmelidir. Desen takibi yapan ürünler aynı yönde döşenmelidir. İlgili talimatlar kutular üzerinde yer almaktadır.

• Karolar şaşırtmacalı uygulamalar yapılarak da uygulanmaktadır. Özellikle dikdörtgen formdaki ahşap görünümlü ürünlerde sıklıkla şaşırtmaca yöntemi kullanılmaktadır. Karo üretiminde çok yüksek ısılar kullanılması nedeniyle TSE standartlarında deformasyonlar ile karşılaşılabilir. Bu nedenle büyük ebatlı ürünlerde kama (takoz) uygulaması ile uygulanması son derece faydalı olacaktır. Bu yöntem zemin ve işçilik kaynaklı hataları ortadan kaldıracak, ürünlerin üretimi sırasında oluşan kabul edilebilir deformasyonları da en az seviyeye indirecektir.

• Karolar belli bir derz aralığı bırakılarak uygulanmalıdır. İlgili derz aralıkları; Rektifiye edilmiş karolarda minimum 1 mm en iyi sonuç için 2 mm, rektifiye edilmemiş karolarda minimum 2 mm en iyi sonuç için 3 mm olacak şekilde verilmelidir.

KULLANIM KOŞULLARI

• Yaşam alanlarını kaplayan seramik karolar dekor ve bordür grupları ile daha hareketli ve zengin görünüme kavuşmaktadır. Bu nedenle bordür ve dekor ürünlerin dekoratif amacı daha ön plandadır. Bu ürünlerin yüzey dayanıklılıkları ve aşınma değerleri diğer ürünler kadar yüksek olmayabilir. Dekor ve bordür ürünlerde altın, platin, bakır gibi metalik renkler kullanılmaktadır. Bu tip metalik renkler yoğun asit içerikli temizlik maddeleri ile aşınmakta ve zaman içerisinde zarar görmektedir. Bu nedenle bordür ve dekor ürünlerinin asitli temizlik maddeleri ile temizlenmemesi, sabunlu ya da nemli bir bez ile temizlenmesi gerekmektedir. İlgili bilgileri kataloğumuzda ürün çevresinde görebilirsiniz.

USER'S MANUAL

The information provided below has been prepared in order to guide the user for achieving maximum efficiency in usage of the tiles and ensuring usage for a long time.

SELECTION OF THE TILES

• Selection of ceramic materials has to be done with care in order that they are suitable for the usage conditions and they have a long life. Selection has to be made by taking into account the classification provided below based on the area of usage.

1. Wall Tiles: For indoor walls
2. Floor Tiles: For indoor floors and walls
3. Porcelain Tiles: For indoor floors and walls, outdoor floors, walls and facades
4. Technical Porcelain Tiles: For indoor floors and walls, outdoor floors, walls and façades

• Suitability of the products with the specifications of usage areas increases efficiency. As such, it would be beneficial to select products which are suitable for traffic intensity in areas where pedestrian traffic intensity is high. Information as to relevant traffic intensity is provided with the products.

ISSUES TO BE CONSIDERED IN APPLICATION

• Instructions must be followed carefully while applying the tiles. Tone and calibration controls of the tiles must be made before the application and care should be taken to ensure that products to be applied to an area are in the same tone and calibration. Products, with patterns following each other, must be laid in the same direction. The relevant instructions are provided on the boxes.

• Tiles are also applied in twisted layout applications. Twisting method is frequently used especially in rectangular form wood-like products. There may be deformations according to TSI standards due to usage of very high temperature during production of tiles. As such, wedge application it is very useful while applying big size products. This method will eliminate the defects arising from floor and labor and minimize considerable deformation levels which can occur during the production.

• The tiles should be applied with a certain joint space. Relevant joint spaces should be as follows: minimum in 1 mm in rectified tiles and 2 mm for best results and minimum 2 mm in unrectified tiles and 3 mm for best results.

USAGE CONDITIONS

• Ceramic tiles which cover living areas are getting more active and richer appearance with décor and border groups. As such, decorative purpose of décor and border products stands out more. The surface resistances and abrasion resistances of these products are not high compared to other products. Décor and border products contain metallic colors such as gold, platinum and copper. These products with metallic colors are abraded because of cleaning products which contains acid and they may get damaged by time. As such, décor and border products should not be cleaned with acid cleaning agents and must be cleaned with soap or with a damp cloth. You can see relevant information in our catalog near the product.

SERTİFİKALAR
CERTIFICATIONS

ISO 14001
ÇEVRE YÖNETİM SİSTEMİ
ENVIRONMENTAL MANAGEMENT SYSTEM

ISO 9001
KALİTE YÖNETİM SİSTEMİ
CERTIFICATE OF QUALITY MANAGEMENT SYSTEM

ISO 45001
İŞ SAĞLIĞI VE GÜVENLİĞİ YÖNETİM SİSTEMİ
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM

ISO 50001
ENERJİ YÖNETİM SİSTEMİ
ENERGY MANAGEMENT SYSTEM

UL GREENGUARD GOLD
GREENGUARD İÇ MEKAN SAĞLIKLI KULLANIMA UYGUNLUK SERTİFİKASI
GREENGUARD CERTIFICATE OF SUITABILITY FOR INDOOR HEALTHY USE

TSE
TÜRK STANDARTLARINA UYGUNLUK BELGESİ
TURKISH STANDARD FOR CERAMIC TILES

TSE ÇİFT YILDIZ
ÇİFT YILDIZ KRİTERİNE UYGUNLUK BELGESİ
TSI CERTIFICATE OF CONFORMITY TO DOUBLE STAR CRITERIA

CE
CE UYGUNLUK BEYANI
DECLARATION OF PERFORMANCE

CSTB
CSTB QB UYGUNLUK SERTİFİKASI
CSTB QB CERTIFICATE OF CONFORMITY

DÖŞEMEDEN ÖNCE:
BEFORE LAYING ON THE TILES:

SERAMİK KAROLARI SİPARİŞ EDERKEN KULLANIM ALANLARINI BELİRTİNİZ.
WHEN ORDERING CERAMIC TILES SPECIFY THE AREAS OF USE.

SERAMİK KAROLARI DÖŞEMEDEN ÖNCE LÜTFEN TON NUMARALARININ AYNI MEKANLAR İÇİN AYNI OLMASINA DİKKAT EDİNİZ; DÖŞENDİKTEN SONRA SORUMLULUK KABUL EDİLMEMEKTEDİR.
BEFORE TILE SETTING, VERIFY THE TONALITY NUMBERS, AFTER TILE SETTING. CLAIMS REGARDING THESE INDICATIONS CANNOT BE ACCEPTED.

QUA GRANİTE'NİN ÜRÜNLER VE TEKNİK DETAYLARINDA DEĞİŞİKLİK YAPMA HAKKI SAKLIDIR.
THE RIGHT TO CHANGE THE PRODUCTS AND TECHNICAL SPECIFICATIONS IS RESERVED BY QUA GRANITE.

SEMBOLLER
SYMBOLS

V3 **V3**

V2 **V2**

MAT
MATT

PARLAK
GLOSSY

YARI PARLAK
HALF GLOSS Y

STANDART BODY

REKTİFİYE
RECTIFIE D

INKJET

DONA DAYANIM
FROST RESISTANCE

YER & DUVAR
WALL & FLOOR

YER
FLOOR

DUVAR
WALL

20 mm **20 mm KALINLIK**
20 mm THICKNESS

PORSELEN KARO YÜZEYİ KAYMA DİRENCİ VE UYGUN KULLANIM ALANLARI

DIN 51130, DIN 51097 YE UYGUN ANTI-SLIP ÖZELLİKLERİ

HALİ HAZIRDA KAYMA DİRENCİNİ TALEP EDEN BİR AVRUPA NORMU YOKTUR. ANCAK GÜNLÜK KULLANIMDA KAYMA DİRENCİ ÇOK ÖNEMLİ OLDUĞU DURUMLARDA MEVCUT OLAN ALMAN STANDARTLARINI KULLANARAK SINIFLANDIRMA YAPILMAKTADIR. KARONUN KAYMA DİRENCİ, BAKIMINDAN VE ZAMAN İÇERİSİNDE OLABİLECEK AŞINMADAN ETKİLENİR.
BU İKİ STANDARTTAN,

- DIN 51130 İNSANLARIN AYAKKABILARIYLA (R9-R13) VE
- DIN 51097 ÇIPLAK AYAKLARLA (A, B, C)

YÜRÜNÜLEN ALANLARDA ZEMİN YÜZEYLERİNİN KAYGANLIKLARINI BİRBİRİNDEN AYIRIR. R SEVİYESI KAYMA AÇISINI GÖSTERİR.

DIN 51130'DA BELİRTİLEN ÖLÇÜM METODUNDA R KAYGANLIK SINIFLARININ FARKI VE KULLANIM ALANLARINA UYGUN SINIFLANDIRILMASI AŞAĞIDAKI ŞEKİLDEDİR:

R9 (6° - 10°)	DIŞARIDAN ERİŞİLEN GİRİŞ VE MERDİVENLER, RESTORAN, MAĞAZALAR, KLİNİKLER, HASTANELER, OKULLAR V.B.
R10 (10° - 19°)	TUVALETLERİ VE ORTAK PAYLAŞILAN TUVALETLER VE DUŞLAR, RESTORANLAR VE KAFELERDEKİ KÜÇÜK MUTFAKLAR, GARAJLAR VE BODRUMLAR V.B.
R11 (19° - 27°)	GIDA ÜRETİM TESİSLERİ, RESTORANLAR VE KAFELERDEKİ ORTA BOY MUTFAKLAR, ÇOK MİKTARDA SU VE ÇAMUR BULUNAN ÇALIŞMA ORTAMLARI, LABORATUVARLAR, ÇAMAŞIRHANELER, HANGARLAR V.B.
R12 (27° - 35°)	SÜT ÜRÜNLERİ, GIDA YAĞLARI, KURUTULMUŞ ETLER GİBİ YAĞLAR AÇISINDAN ZENGİN GIDALAR İÇİN ÜRETİM TESİSLERİ, RESTORANLAR VE KAFELERDEKİ BÜYÜK MUTFAKLAR, KAYGANLAŞTIRICI MADDELERİNİN KULLANILDIĞI ENDÜSTRİYEL ALANLAR.
R13 (> 35°)	BÜYÜK MİKTARLARDA YAĞLARIN KULLANILDIĞI YERLER; GIDA İŞLEME ALANLARI.

DIN 51097'DE BELİRTİLEN ÖLÇÜM METODU İLE İNSANLARIN ÇIPLAK AYAKLARLA YÜRÜDÜĞÜ ALANLARDAKİ KAYMA DİRENCİ A, B VE C CİNSİNDEN SINIFLANDIRILIR VE AŞAĞIDAKI ŞEKİLDE KULLANIM ALANLARINA UYGUN KATEGORİLERE AYRILIR.

A - İNSANLARIN YALIN AYAK VE SOYUNMA ODALARINA YÜRÜDÜĞÜ KURU ALANLAR.

B - DUŞLAR, BANYOLAR, YÜZME HAVUZLARININ KENAR ALANLARI, ÇOCUK YÜZME HAVUZLARI, SIĞ HAVUZLARIN İÇLERİ.

C - YÜZME HAVUZUNDAKİ GEÇİŞ ALANLARI, EĞİMLİ KENARLARI GİBİ ISLAK ALANLAR

PORCELAIN TILE SURFACE SLIP RESISTANCE AND SUITABLE USING AREAS

ANTI-SLIP PROPERTIES ACCORDING TO DIN 51130, DIN 51097

AT THE MOMENT THERE IS NO EUROPEAN NORM THAT DETERMINES THE DEMANDS FOR SLIP RESISTANCE. BUT AS IN EVERYDAY USE, WHEN THE SLIP RESISTANCE IS VERY IMPORTANT, THE CURRENT GERMAN STANDARDS ARE USED FOR CLASSIFICATION.
THE SLIP RESISTANCE IS INFLUENCED BY MAINTENANCE AND WEAR.
THESE TWO STANDARDS DISTINGUISH BETWEEN THE SLIPPERINESS OF FLOOR SURFACES IN AREAS

- DIN 51130 WHERE PEOPLE WALK WITH THEIR SHOES ON (R9-R13) AND
- DIN 51097 WITH BARE FEET (A, B, C)
  THE R LEVEL INDICATES THE ANGLE OF SLIPPAGE.

THE MEASUREMENT METHOD SPECIFIED IN DIN 51130 DISTINGUISHES AMONG THE FOLLOWING R SLIPPERINESS CLASSES AND PROVIDES INDICATIONS AS TO WHERE THEY MAY BE USED:

R9 (6° - 10°)	ENTRANCES AND STAIRWAYS ACCESSED FROM OUTSIDE, RESTAURANTS, SHOPS, CLINICS, HOSPITALS, SCHOOLS.
R10 (10° - 19°)	SHARED TOILETS AND SHOWERS, SMALL KITCHENS IN RESTAURANTS AND CAFES, GARAGES AND BASEMENTS.
R11 (19° - 27°)	FOOD PRODUCTION FACILITIES; MID-SIZED KITCHENS IN RESTAURANTS AND CAFÉS, WORKING ENVIRONMENTS WHERE THERE IS A LOT OF WATER AND SLUDGE, LABORATORIES, LAUNDRIES, HANGARS.
R12 (27° - 35°)	PRODUCTION FACILITIES FOR FOODS RICH IN FATS SUCH AS DAIRY PRODUCTS, FOOD OILS, CURED MEATS, LARGE KITCHENS IN RESTAURANTS AND CAFÉS, INDUSTRIAL AREAS WHERE SLIPPER SUBSTANCES ARE USED.
R13 (> 35°)	PLACES WHERE LARGE QUANTITIES OF FATS ARE USED, FOOD PROCESSING AREAS.

THE MEASUREMENT METHOD SPECIFIED IN DIN 51097 DEFINES THE SLIP RESISTANCE FOR AREAS WHERE PEOPLE WALK WITH BARE FEET AND RESULT IS DIVIDED INTO CATEGORIES A, B AND C.

A - DRY AREAS WHERE PEOPLE WALK BAREFOOT AND CHANGING ROOMS.

B - SHOWERS, BATHROOMS, AREAS SURROUND SWIMMING POOLS, CHILDREN'S SWIMMING POOL AND BOTTOM OF SHALLOW POOLS.

C - CROSSING AREAS IN SWIMMING POOL, TILTED EDGES OF SWIMMING

SIRLI GRANİT KARO TEKNİK ÖZELLİK KABULLERİ

GLAZED PORCELAIN TILE TECHNICAL PROPERTY ACCEPTANCES

ÖZELLİK / PROPERTY	**QUA STANDARTLARI /** QUA STANDARTS	**TSE EN 14411 Annex-G Grup Bla (Eb ≤ % 0,5)**	**TEST YÖNTEMİ /** TEST METHOD
 **UZUNLUK VE GENİŞLİK** LENGTH AND WIDTH	**±%0,2**	**±%0,6**	**TE EN ISO 10545/2**
 **KALINLIK** THICKNESS	**±%5,0**	**±%5,0**	**TE EN ISO 10545/2**
 **KENAR DÜZGÜNLÜĞÜ** SIDE STRAIGHTNESS	**±%0,2**	**±%0,5**	**TE EN ISO 10545/2**
 **GÖNYEDEN SAPMA** RECTANGULARITY	**±%0,2**	**±%0,5**	**TE EN ISO 10545/2**
 **MERKEZ EĞRİLİĞİ** CENTER CURVATURE	**±%0,2**	**±%0,5**	**TE EN ISO 10545/2**
 **KENAR EĞRİLİĞİ** EDGE CURVATURE	**±%0,2**	**±%0,5**	**TE EN ISO 10545/2**
 **KÖŞE EĞRİLİĞİ** WARPAGE	**±%0,2**	**±%0,5**	**TE EN ISO 10545/2**
 **YÜZEY KALİTESİ** SURFACE QUALITY	**max. %5 Kusurlu /** Defective	**max. %5 Kusurlu /** Defective	**TE EN ISO 10545/2**
 **SU EMME** WATER ABSORPTION	**Max. %0,1**	**Max. %0,5**	**TE EN ISO 10545/3**
 **EĞİLME MUKAVEMETİ** MODULUS OF RUPTURE	**Min. 51 N/mm²**	**Min. 35 N/mm²**	**TE EN ISO 10545/4**
 **ÇARPMA DAYANIMI** IMPACT RESISTANCE	**Dayanıklı /** Resistant	**Dayanıklı /** Resistant	**TE EN ISO 10545/5**
 **YÜZEY AŞINMA SINIFI** SURFACE ABRASION CLASS	**Beyan Edilene Uygun** As Declared	**Beyan Edilene Uygun** As Declared	**TE EN ISO 10545/7**
 **LINEER ISIL GENLEŞME KATSAYISI** LINEER THERMAL EXPANSION COEFFICIENT	**max. 9X10^{-6}K^{-1}**	**Beyan Edilene Uygun** As Declared	**TE EN ISO 10545/8**
 **ISIL ŞOK DAYANIMI** THERMAL SHOCK	**Dayanıklı /** Resistant	**Dayanıklı /** Resistant	**TE EN ISO 10545/9**
 **ÇATLAMA DİRENCİ** CRACKING RESISTANCE	**Dayanıklı /** Resistant	**Dayanıklı /** Resistant	**TE EN ISO 10545/11**
 **DONA DAYANIM** FROST RESISTANCE	**Dayanıklı /** Resistant	**Dayanıklı /** Resistant	**TE EN ISO 10545/12**
 **LEKELENMEYE DAYANIM** RESISTANCE TO STAINING	**En Az Sınıf 3 /** Min. Class 3	**En Az Sınıf 3 /** Min. Class 3	**TE EN ISO 10545/14**
 **ASİT / ALKALİLERE DAYANIM** RESISTANCE TO ACIDS / ALCALIDS	**En Az Sınıf /** Min. Class GLB - GHB	**En Az Sınıf /** Min. Class GLB - GHB	**TE EN ISO 10545/13**
 **EV KİMYASALLARINA DAYANIM** RESISTANCE TO HOUSEHOLD CHEM.	**En Az Sınıf /** Min. Class GB	**En Az Sınıf /** Min. Class GB	**TE EN ISO 10545/13**

TEST REPORT
fks.15.02 / 01.02.2012

Name of The Product : 60x120x2 Ark Silver Rec.
Production Facility : Glazed Porcelain Factory
Product Group : Dry-pressed ceramic tiles / Group BIa / GL
Recommended Use : İnterior & exterior floor
General Properties : Mat
Report Date : 16.04.2024

Test Title	Test Results	Requirements	Desicion
Length & Width (mm)	597 x 1195 mm	596,5 – 597,5 mm 1194,5 – 1195,5 mm	OK
Thickness (mm)	20,00 mm	19,7 – 20,3 mm	OK
Straightness of Sides (%)	± %0,2	± %0,5	OK
Rectangularity (%)	± %0,2	± %0,6	OK
Edge Curvature (%)	± %0,2	± %0,5	OK
Corner Curvature (%)	± %0,2	± %0,5	OK
Center Curvature (%)	± %0,2	± %0,5	OK
Small Colour Differences	First Quality	> %95 perfect	OK
Water Absorption	< 0,1 %	≤ 0,5 %	OK
Breaking Strength (N)	> 9500 N	> 9500 N	OK
Modulus of Rupture (N/mm²)	>55 N/mm²	> 35 N/mm²	OK
Abrasion Resistance (PEI)	III	As declared	OK
Coeff. Of Thermal Expansion	< 7,0 x 10^{-6}	As declared	OK
Thermal Shock Resistance	Resistant	Required	OK
Crazing Resistance	Resistant	Required	OK
Frost Resistance	Resistant	Required	OK
Coefficient of Friction (μ)	~62,0	As declared	OK
Moisture Expansion (mm/m)	< 0,3	As declared	OK
Impact Resistance	Resistant	As declared	OK
Staining Resistance	Class 5	Min. Class 3	OK
Resistance to low conc. of Acid & Alkalis	A	As declared	OK
Resistance to high conc. of Acid & Alkalis	A	As declared	OK
Household Chemicals	A	Min. B	OK
Release of Cadmium	< 0,07 mg/dm²	As declared	OK
Release of Lead	< 0;8 mg/dm²	As declared	OK
OVERALL RESULT	All test results are positive according to the norms of ISO 13006 and EN 14411 standards, Annex G.		

Prepared by
Mustafa Öztürk
Quality Assurance Specialist

Approved by
Ahmet Pehlivan
Quality AssuranceManager

8. CATALOGUE

QUA GRANITE

PORCELAIN STONEWARE

2025 Master Catalogue

20MM THICKNESS



www.qua.com.tr

OUTDOOR



OUTDOOR SOLUTIONS IN 20MM THICKNESS

Our 20mm thick collection is designed to withstand the toughest outdoor conditions, ensuring **longevity** for your **outdoor spaces.**

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60x60 / 60x90 / 80x80

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60x90

98 NORD STONE
60X60 / 60X90

102 ONDA
60x120

106 PARMA
60x60

110 PIMENTA
60x60

112 RASA
60x60 / 60x90 / 80x80

116 RETRO STONE
60x90

120 ROCA
60x90

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60x60

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60X60

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60x60

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60X60 / 60X90

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60x60 / 60x90 / 80x80 / 60x120

144 STREET
60x60 / 60x90 / 80x80

148 TERRAZZO
60x60

152 TIBER WOOD
30x120

156 TOKYO
60X60 / 60X90

160 TRAVERTINE
45x90 / 60x60 /60x90

164 VITORIA
45X90 / 60X90 / 60x120



2.Thickness



Durable

Discover our comprehensive range of outdoor series. With a 20mm thickness, maximum strength, and **non-slip finish**, our products ensure safety and durability. We offer **versatility for your outdoor spaces** such as swimming pools, gardens, paths, terraces or car parks.

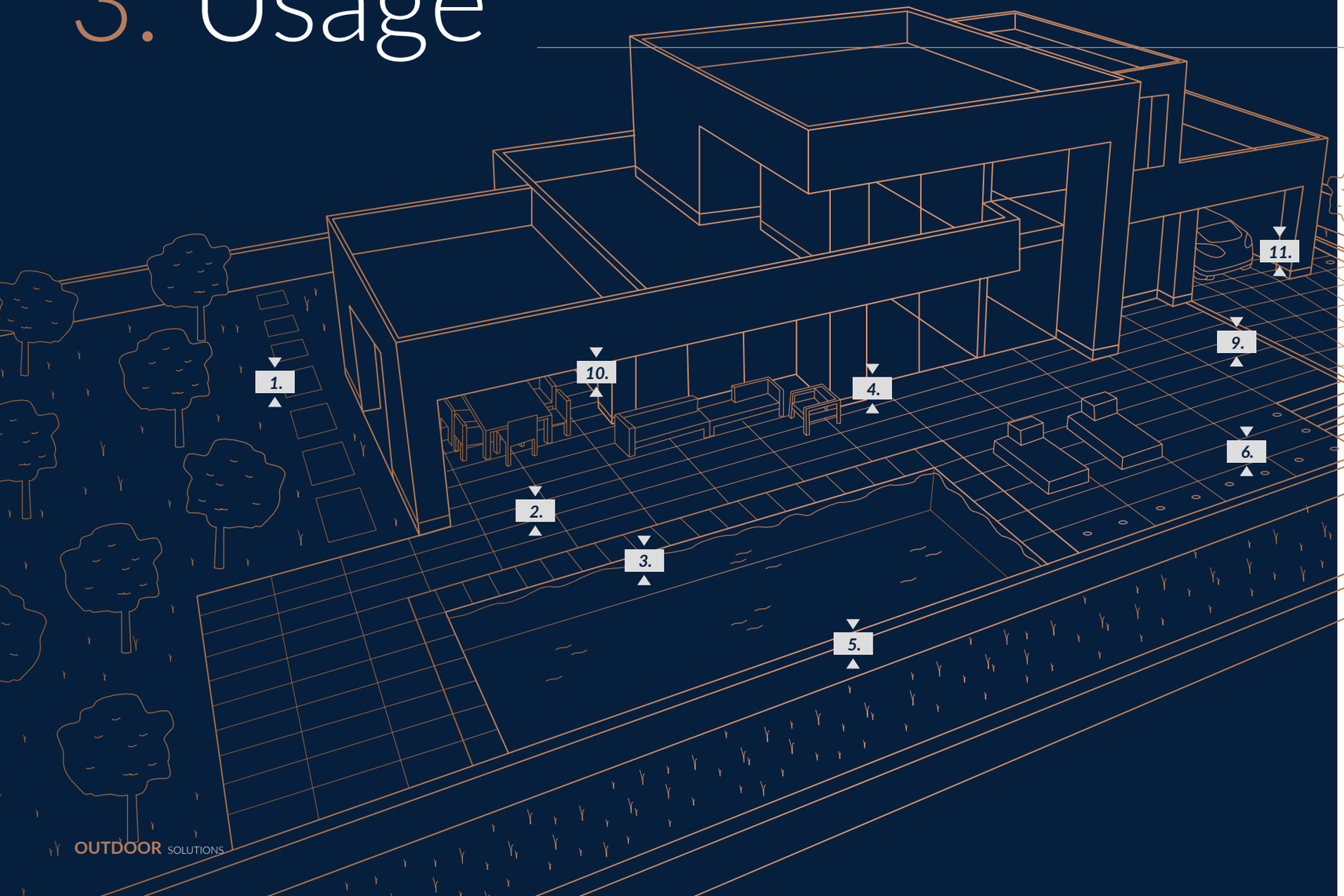
Thicker than regular tiles

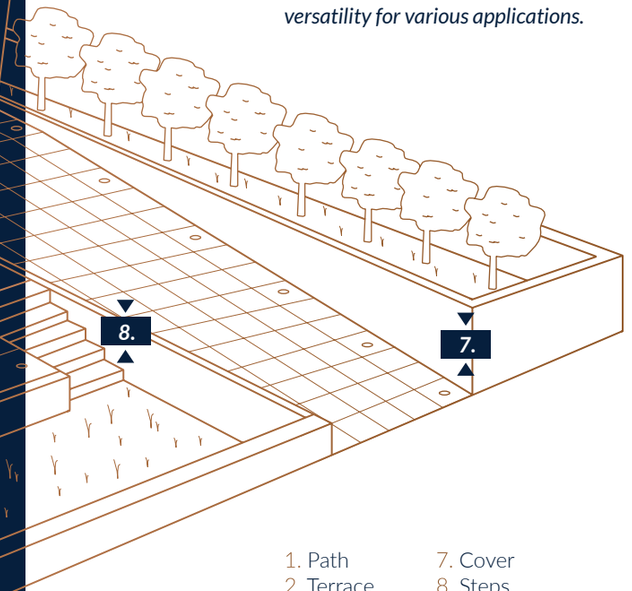
Our tiles feature a remarkable **20mm thickness**, providing **exceptional durability** for everyday and heavy-use spaces. They offer **unparalleled resistance** compared to any other tile available.

3. Usage

A tile with no limits.

Our Outdoor Solutions not only provide flooring solutions but also extend to walls, pools, and even stairs. The 20mm line has no limits and offers versatility for various applications.





1. Path
2. Terrace
3. Pool
4. Skirting
5. Wall
6. Focus
7. Cover
8. Steps
9. Edge
10. Indoor
11. Parking

4. Advantages

20MM THICKNESS

Long-lasting and reliable:
Guarantee an enduring project.

1. Easy cleaning and care.
2. Simple installation.
3. Strength.
4. Unalterable to the sunlight.
5. Cracking resistance.
6. Resistance to deep abrasion.
7. Frost resistance.
8. Fireproof.
9. Waterproof.
10. Resistant to moss and insects.
11. Thermal resistance.
12. Stain resistance.
13. Resistant to chemical and cleaning products, and to pool products.



5.Laying

20MM THICKNESS



Traditional setting.

Traditional laying is perfect for high-traffic pavements like parking zones, access roads, paths, ramps, and more. For optimal results, use the traditional floating and buttering method with cementitious adhesives. Use this method for reliable and durable pavement solutions that endure heavy usage.

Raised floor.

Floor Raising Systems creates an air space between the ground and tiles. This flexible method offers a convenient and flexible solution for resolving infrastructure issues without breaking the tiles.

“From Grass to Sand, Gravel to Grandeur – Our Outdoor Tiles Bring Nature’s Artistry to Life!”

QUA GRANITE

*Dry laying: The material’s weight allows for dry placement, without the need for adhesive and with open joints, simply by dropping it onto different surfaces.

Setting on grass.

Cut the grass underneath each tile and replace it with a stable, level 3-4 cm thick gravel layer. This creates a solid foundation for placing and arranging the tiles. By following this procedure, you’ll achieve a stable and visually appealing results.

Dry laying.



Setting on gravel.

To ensure a stable installation, it is important to have a leveled gravel surface. If the gravel particles are too large, it is recommended to add a layer of smaller particles (ranging from 8 to 0.5 mm) to achieve a more even base for the tiles.

Dry laying.



Setting on sand.

For a reliable installation, work on an 8-10cm thick compacted and level layer of sand. Place the porcelain tiles according to your desired design, creating a visually appealing and durable surface.

Dry laying.



ARDEZYA



QUA GRANITE

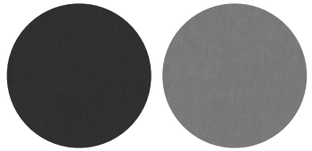
OUTDOOR SOLUTIONS

ARDEZYA BLACK 60X60

ARDEZYA

20MM THICKNESS

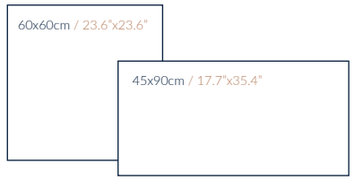
AVAILABLE COLORS



Black

Antrasit

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
45x90	2	36	0.81	26	21.06
60x60	2	31.2	0.72	32	23.04



ARDEZYA ANTRASIT 45X90

ARK



ARK SILVER 60X60

ARK

20MM THICKNESS

AVAILABLE COLORS

80x80 /
60x120 /
30x120 /
60x60


Black


Antrasit

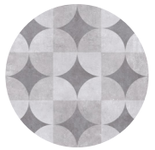

Silver


Ivory

60x60


Piazza Dekor

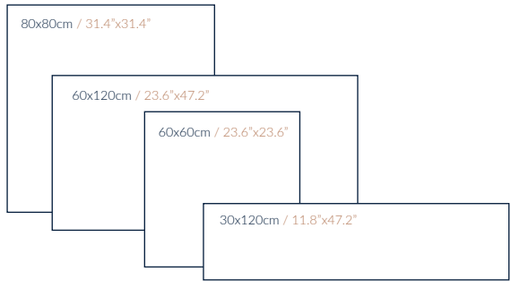

Conical


Cerchio


Triangolo Dekor


Fiore Dekor

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m²/Box	Box/Pallet	m²/Pallet
60x120	2	65	1.44	16	23.04
30x120	2	32.5	0.72	32	23.04
80x80	2	60	1.28	18	23.04
60x60	2	31.2	0.72	32	23.04

QUA GRANITE

ARK SILVER 60X120

BARI



BARI GREY 60X60

BARI

20MM THICKNESS

AVAILABLE COLORS



Grey Sand Slate

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04

QUA GRANITE

BARI GREY 60X60

BAZALT



OUTDOOR SOLUTIONS

BAZALT GREY 60X90

BAZALT

20MM THICKNESS

AVAILABLE COLORS

60x90/
60x60 /
30x120



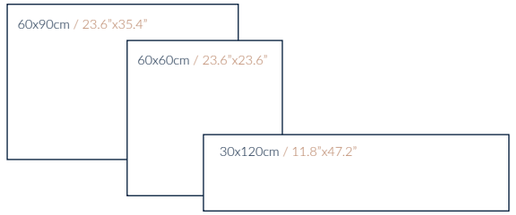
Black

60x90/
60x60



Grey

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04
60x90	2	48	1.08	20	21.6
30x120	2	32.5	0.72	32	23.04

QUA GRANITE

BAZALT BLACK 60X90

BENELUX

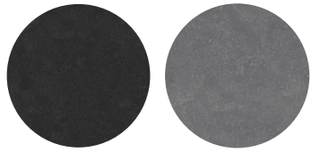


BENELUX BLACK 60X90

BENELUX

20MM THICKNESS

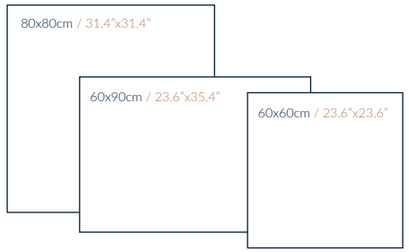
AVAILABLE COLORS



Black

Grey

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04
60x90	2	48	1.08	20	21.6
80x80	2	60	1.28	18	23.04

QUA GRANITE

BENELUX GREY 80X80

BLUE STONE

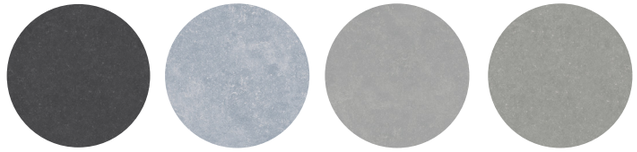


BLUE STONE BLUE 60X60

BLUE STONE

20MM THICKNESS

AVAILABLE COLORS



Black | Blue | Grey | Light

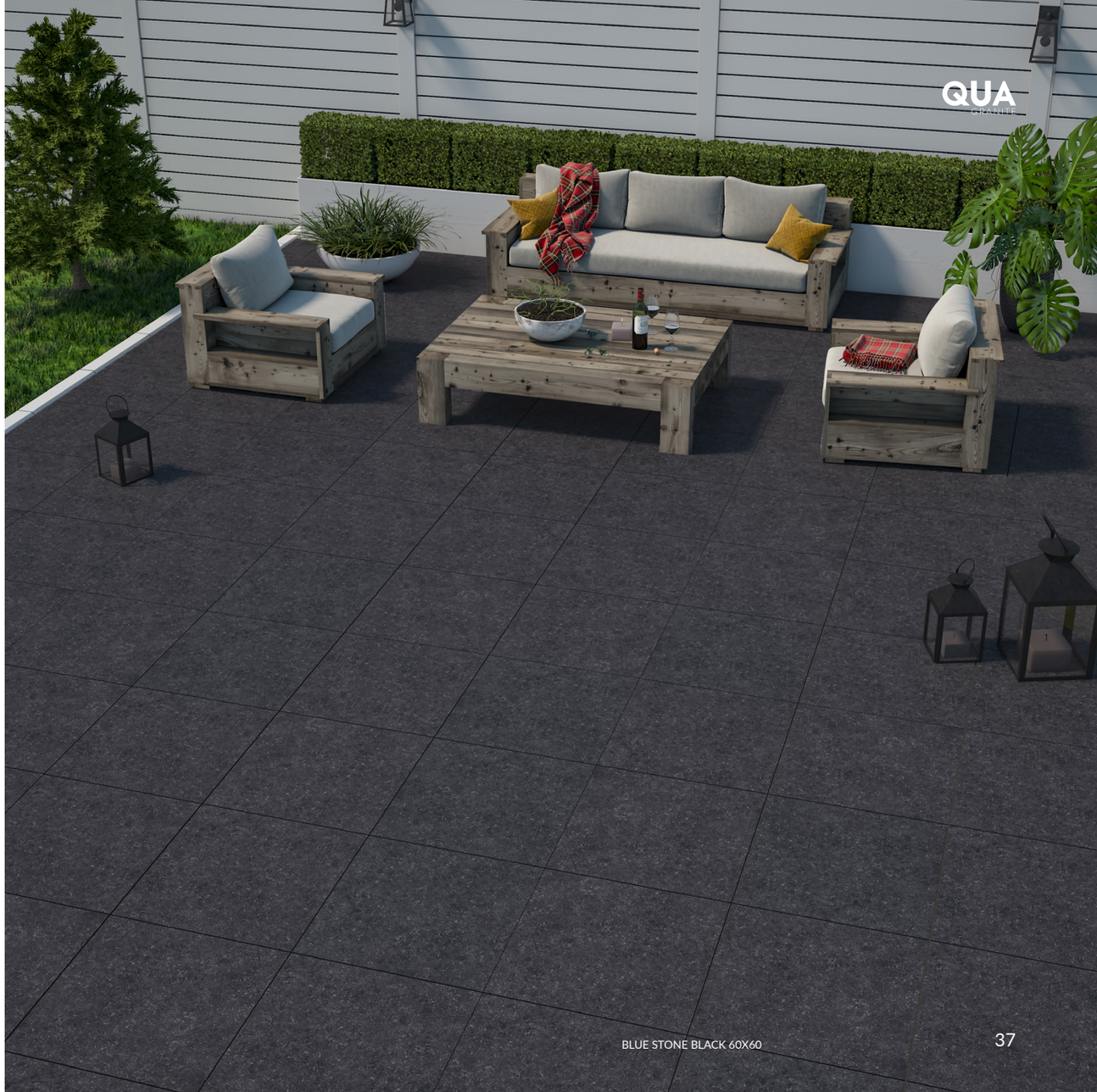
AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04



BLUE STONE BLACK 60X60

CIPOLLINO

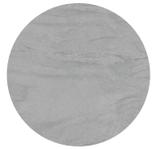


CIPOLLINO GRIGIO 80X80

CIPOLLINO

20MM THICKNESS

AVAILABLE COLORS



Grigio

AVAILABLE SIZES

80x80cm / 31.4"x31.4"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
80x80	2	60	1.28	18	23.04



CIPOLLINO GRIGIO 80X80

CLARIS



CLARIS 60X90

CLARIS

20MM THICKNESS

AVAILABLE COLORS

Claris

AVAILABLE SIZES

60x90cm / 23.6"x35.4"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6



CLARIS 60X90

CLIFF



CLIFF

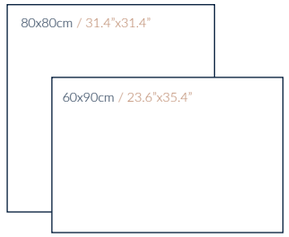
20MM THICKNESS

AVAILABLE COLORS



Cliff

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

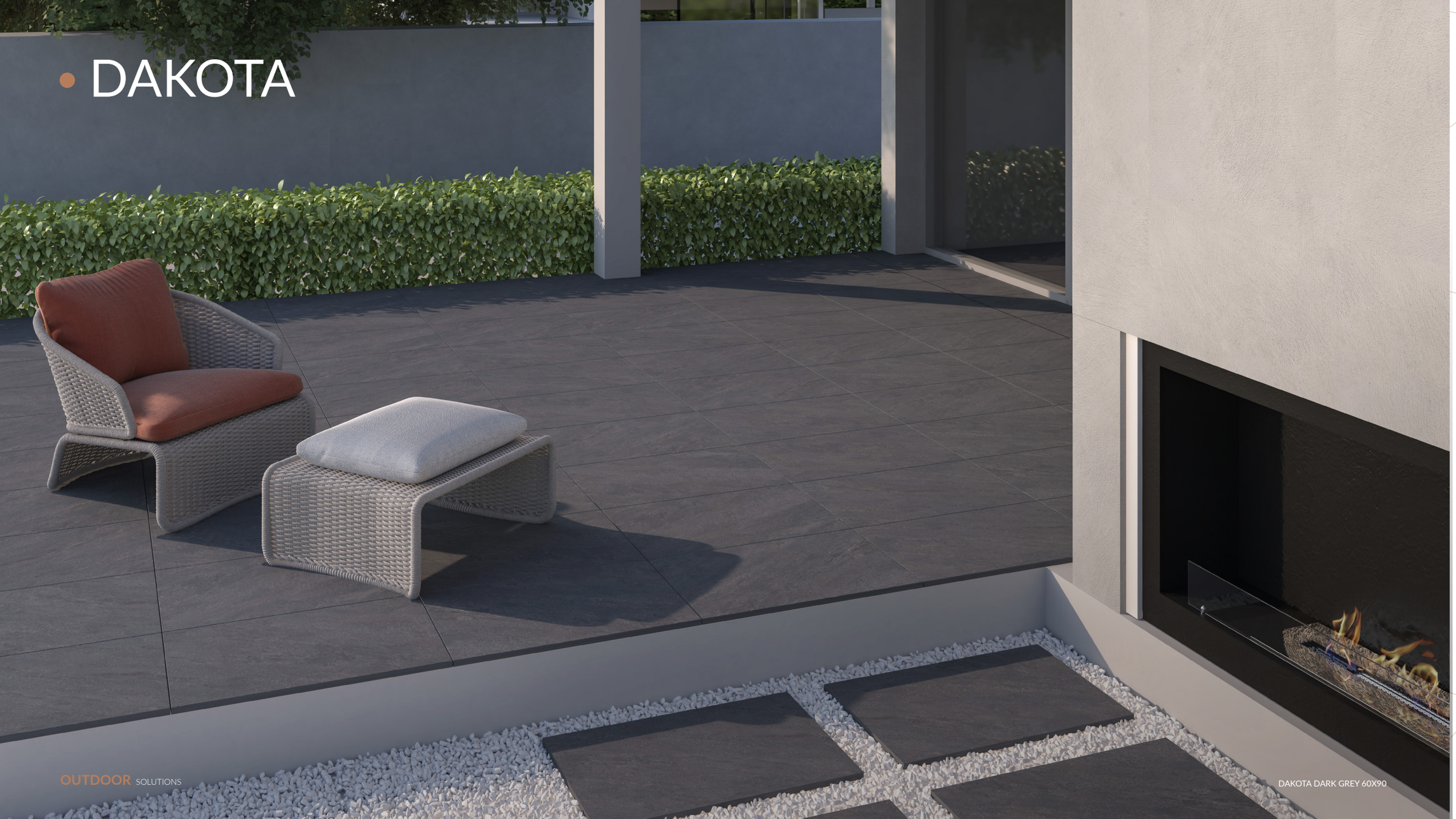
PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6
80x80	2	60	1.28	18	23.04



CLIFF 80X80

DAKOTA



DAKOTA DARK GREY 60X90

DAKOTA

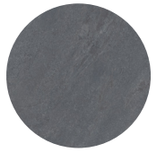
20MM THICKNESS

AVAILABLE COLORS

60x60 /
60x90



Beige



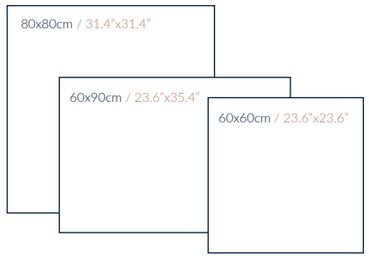
Grey

80x80/
60x60 /
60x90



Dark Grey

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04
60x90	2	48	1.08	20	21.6
80x80	2	60	1.28	18	23.04



DAKOTA DARK GREY 60X60

FAUN



FAUN ELM 30X120

FAUN

20MM THICKNESS

AVAILABLE COLORS

30x120



Elm



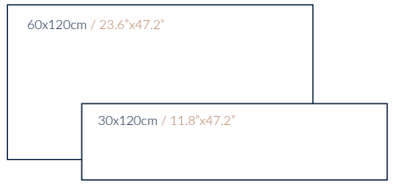
Oak

30x120 / 60x120



Maple

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x120	2	65	1.44	16	23.04
30x120	2	32.5	0.72	32	23.04



FAUN ELM 30X120

FOREST



FOREST NATURAL 30X120

FOREST

20MM THICKNESS

AVAILABLE COLORS

30x120


Cherry


Dark

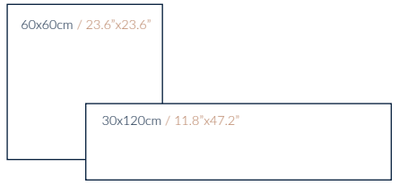

Natural


Silver

60x60


Brown

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m²/Box	Box/Pallet	m²/Pallet
60x60	2	31.2	0.72	32	23.04
30x120	2	32.5	0.72	32	23.04



FOREST NATURAL 30X120

GRAVA

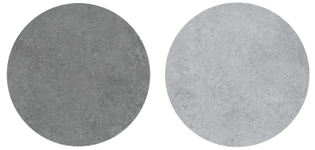


GRAVA GRIS 60X60

GRAVA

20MM THICKNESS

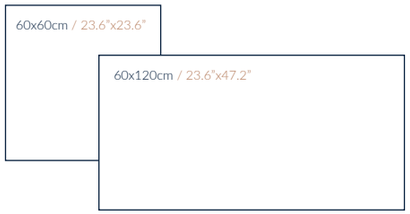
AVAILABLE COLORS



Anthracite

Gris

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04
60x120	2	65	1.44	16	23.04

GRAVA GRIS 60X60

GROVAK

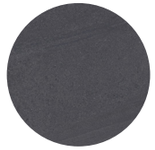


GROVAK WHITE 60X120

GROVAK

20MM THICKNESS

AVAILABLE COLORS



Anthracite

White

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6
60x120	2	65	1.44	16	23.04



GROVAK ANTHRACITE 60X120

KANDLA



KANDLA GREY 60X90

KANDLA

20MM THICKNESS

AVAILABLE COLORS



Grey

AVAILABLE SIZES

60x90cm / 23.6"x35.4"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6



KANDLA GREY 60X90

LAGOM

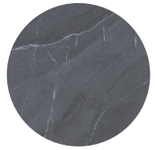


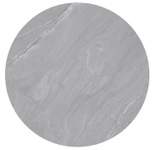
LAGOM GRA 60X120

LAGOM

20MM THICKNESS

AVAILABLE COLORS


Antracit


Gra

Sand

AVAILABLE SIZES

60x120cm / 23.6"x47.2"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x120	2	65	1.44	16	23.04



LAGOM GRA 60X120

LONDON STONE

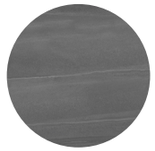


LONDON STONE GREY 60X60

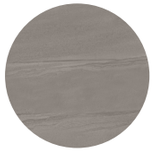
LONDON STONE

20MM THICKNESS

AVAILABLE COLORS



Antracite



Grey

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04



LONDON ANTRACITE 60X60

LUDANO



LUDANO BONE 60X60

LUDANO

20MM THICKNESS

AVAILABLE COLORS



Bone

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04

QUA GRANITE

LUDANO BONE 60X60

LUNA



LUNA ASH 60X60

LUNA

20MM THICKNESS

AVAILABLE COLORS

60x60/
80x80/
30x120/
60x120



Ash

60x60 /
60x120



Mid Grey

60x60/
60x90 /
80x80/
30x120/
60x120



Cool Grey

60x60/
60x90/
60x120

Offwhite

60x60/
30x120/
60x120



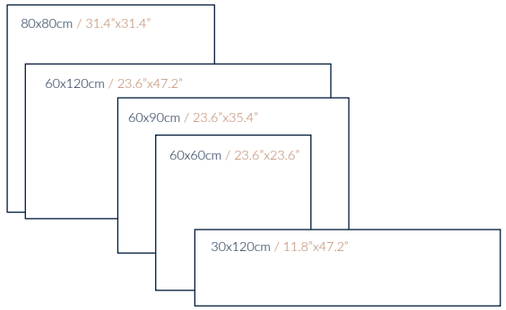
Sand

60x60



Copper

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m²/Box	Box/Pallet	m²/Pallet
60x120	2	65	1.44	16	23.04
30x120	2	32.5	0.72	32	23.04
80x80	2	60	1.28	18	23.04
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04

LUNA COOL GREY 60X60

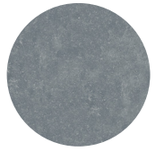
MAVI BLUE



MAVI BLUE

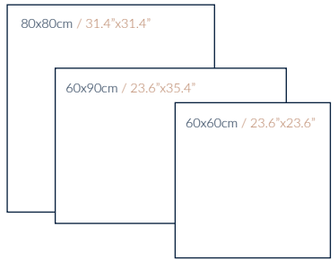
20MM THICKNESS

AVAILABLE COLORS



Blue

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
80x80	2	60	1.28	18	23.04
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04

QUA GRANITE

MAVI BLUE 60X60

MILKY WAY

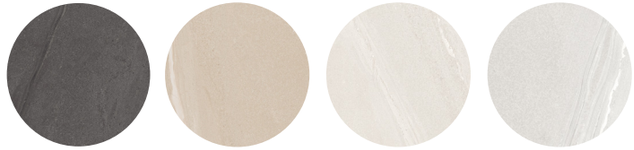


MILKY WAY 60X90

MILKY WAY

20MM THICKNESS

AVAILABLE COLORS



Graphite | Sand | Bianco | Gris

AVAILABLE SIZES

60x90cm / 23.6"x35.4"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6

MILKY WAY 60X90

NORD STONE



NORD STONE ICE 60X90

NORD STONE

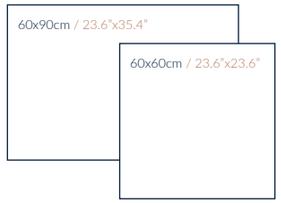
20MM THICKNESS

AVAILABLE COLORS



Ice

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04

QUA GRANITE

NORD STONE ICE 60X90

ONDA

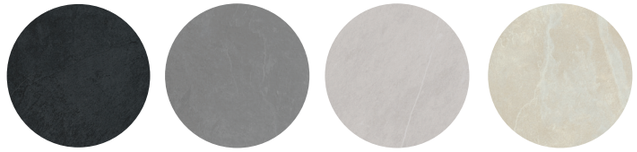


ONDA SAND 60X120

ONDA

20MM THICKNESS

AVAILABLE COLORS



Anthracite | Greige | Pearl | Sand

AVAILABLE SIZES

60x120cm / 23.6"x47.2"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x120	2	65	1.44	16	23.04

ONDA ANTHRACITE 60X120

PARMA



PARMA WHITE 60X60

PARMA

20MM THICKNESS

AVAILABLE COLORS



Anthracite | Pearl | White

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04

PARMA WHITE 60X60

PIMENTA

20MM THICKNESS

AVAILABLE COLORS



PİMENTA

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04



RASA



RASA BEIGE 60X60

RASA

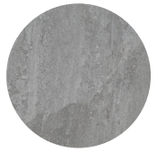
20MM THICKNESS

AVAILABLE COLORS

80x80/
60x120/
60x90/
60x60



Beige



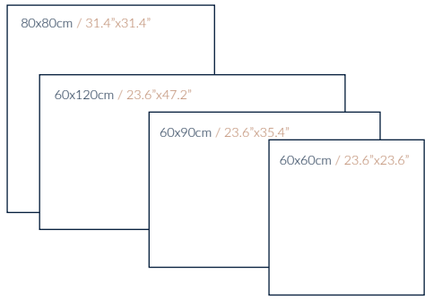
Grey

60x120/
60x90/
60x60



Nero

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x120	2	65	1.44	16	23.04
80x80	2	60	1.28	18	23.04
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04

QUA GRANITE

RASA GREY 45X90

RETRO STONE

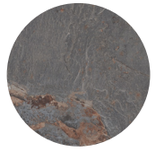


RETRO STONE 60X90

RETRO STONE

20MM THICKNESS

AVAILABLE COLORS



Retro stone

AVAILABLE SIZES

60x90cm / 23.6"x35.4"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6



RETRO STONE 60X60

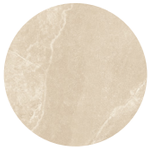


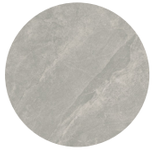
ROCA 60X90

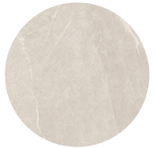
ROCA

20MM THICKNESS

AVAILABLE COLORS


Beige


Grey


White

AVAILABLE SIZES

60x90cm / 23.6"x35.4"

RECTIFIED TILES / MATT FINISH

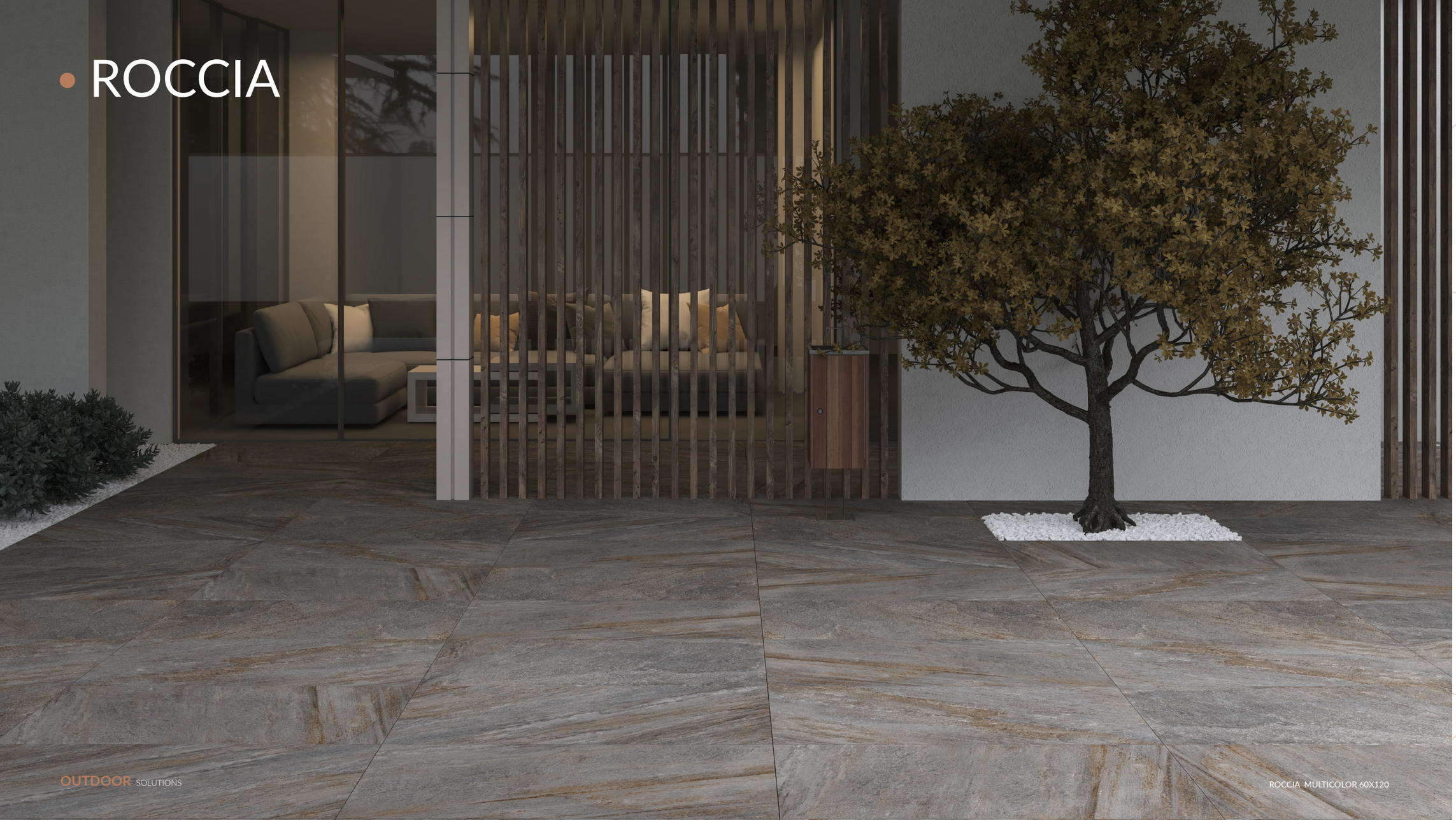
PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6



ROCA 60X90

ROCCIA

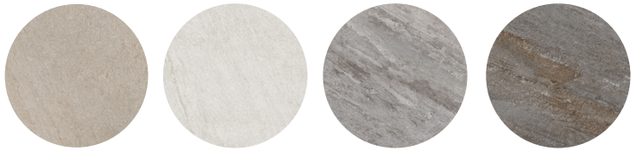


ROCCIA MULTICOLOR 60X120

ROCCIA

20MM THICKNESS

AVAILABLE COLORS



Beige | Blanco | Gris | Multicolor

AVAILABLE SIZES

60x120cm / 23.6"x47.2"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x120	2	65	1.44	16	23.04

QUA GRANITE

ROCCIA MULTICOLOR 60X120

SAMBA

20MM THICKNESS

AVAILABLE COLORS



Samba

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04

QUA

SAMBA 60X60

SATORI

20MM THICKNESS

AVAILABLE COLORS



Satori

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04



SATORI 60X60

SIRA

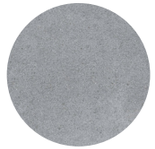


SIRA GREY 60X60

SIRA

20MM THICKNESS

AVAILABLE COLORS



Grey

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04



SIRA GREY 60X60

SHELL STONE



SHELL STONE

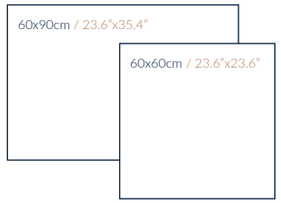
20MM THICKNESS

AVAILABLE COLORS



Shellstone

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04



SHELL STONE 60X60



STARK GREY 60X60

STARK

20MM THICKNESS

AVAILABLE COLORS

60x60 /
60x90 /
80x80 /
60x120


Graphite

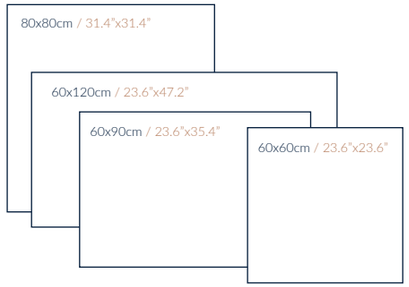

Grey


Smoke

60x60 /
60x90 /
60x120


Taupe

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x120	2	65	1.44	16	23.04
80x80	2	60	1.28	18	23.04
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04



STARK GREY 80X80

STREET



STREET GRAPHITE 60X60

STREET

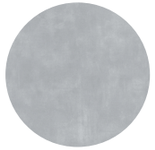
20MM THICKNESS

AVAILABLE COLORS

60x60 /
60x90 /
80x80



Graphite
(Opt. Matt version)

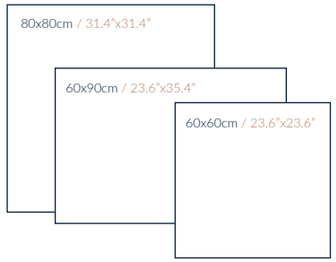


Grey

60x90

Sand

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
80x80	2	60	1.28	18	23.04
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04



STREET GREY 60X60

TERRAZZO



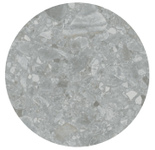
TERRAZZO GRIGIO 60X60

TERRAZZO

20MM THICKNESS

AVAILABLE COLORS


Cream


Grigio


Light

AVAILABLE SIZES

60x60cm / 23.6"x23.6"

RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x60	2	31.2	0.72	32	23.04



TERRAZZO GRIGIO 60X60

TIBER WOOD



TIBER WOOD AVANA 30X120

TIBER WOOD

20MM THICKNESS

AVAILABLE COLORS



Ash | Avana | Cherry | Grigio | Natural

AVAILABLE SIZES

RECTIFIED TILES / MATT FINISH

30x120cm / 11.8"x47.2"

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
30x120	2	32.5	0.72	32	23.04



QUA GRANITE

TIBER WOOD AVANA 30X120

TOKYO



TOKYO WHITE 60X60

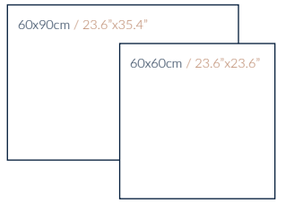
TOKYO

20MM THICKNESS

AVAILABLE COLORS

White

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04



TOKYO WHITE 60X90

TRAVERTINE



TRAVERTINE BEIGE 45X90

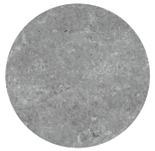
TRAVERTINE

20MM THICKNESS

AVAILABLE COLORS

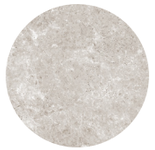
45x90 / 60x60 / 60x90

Beige



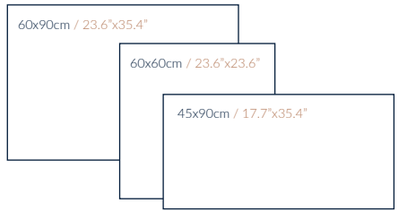
Dark

60x90



Silver

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m²/Box	Box/Pallet	m²/Pallet
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04
45x90	2	36	0.81	26	21.06



TRAVERTINE SILVER 60X60

VITORIA



VITORIA SAND 45X90

VITORIA

20MM THICKNESS

AVAILABLE COLORS

60x120/
60x90/
45x90



Anthracite



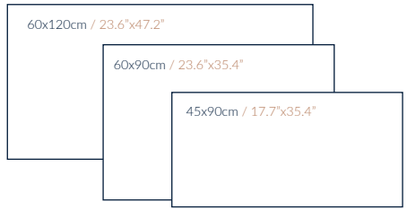
Grey

60x120



Sand

AVAILABLE SIZES



RECTIFIED TILES / MATT FINISH

PAKING LIST

Sizes	Pieces/Box	Kg/Box	m^2/Box	Box/Pallet	m^2/Pallet
60x120	2	65	1.44	16	23.04
60x90	2	48	1.08	20	21.6
60x60	2	31.2	0.72	32	23.04
45x90	2	36	0.81	26	21.06



VITORIA ANTHRACITE

Awarded Certificates



QUA GRANITE

OCCUPATIONAL SAFETY & HEATH MANAGEMENT ISO 45001

QUALITY ASSURANCE MANAGEMENT ISO 9001

OCCUPATIONAL HEALTH & SAFETY OHSAS 18001

ENVIRONMENTAL MANAGEMENT ISO 14001

OCCUPATIONAL SAFETY & HEATH MANAGEMENT ISO 45001

GREENHOUSE GAS VERIFICATION STATEMENT ISO 14064

ENERGY MANAGEMENT SYSTEMS ISO 50001

WATER FOOTPRINT VERIFICATION STATEMENT ISO 14046

QB UPEC

QB UPEC F+

GOST - R

Q - MARK CERTIFICATE

TSE

TSE EN 14411

CE

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

علامة الجودة SASO QUALITY MARK