

Cephe Sistemleri Katalođu

Facade
Systems
Catalog

Kalebodur
yaratıcılıđınızın yapı taşı

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KALESINTERFLEX



Avrupa Konutları Topkapı / İstanbul — Kalesinterflex 3mm fit limestone , 3mm fit sandstone gy305 / Gizli Klipsli Sistem

Avrupa Konutları Topkapı / İstanbul — Kalesinterflex 3mm fit limestone , 3mm fit sandstone gy305 / Hidden Clips Fitted Facade System

Mimar : Viva Mimarlık — Architect : Viva Architects



Fiziksel Özellikler

Physical Features

AĞIRLIK

Bir Kalesinterflex levha yaklaşık 21kg (7kg/m²) ağırlığındadır.

ESNEKLİK

1000x3000x3mm ebadındaki Kalesinterflex Fit levhanın dışbükey esneklik yarıçapı 5.5m'dir.

ATEŞE DAYANIKLILIK*

Kalesinterflex ateşe tamamen dayanıklı, alev almaz ve yanmaz niteliktedir (Kategori 0).

KİMYASALLARA DAYANIKLILIK

Kalesinterflex yüzeyindeki koruyucu sır tabakası ve porselen yapısı sayesinde en güçlü kimyasallara (asit ve bazlar) karşı dayanıklıdır.

KESME

Kalesinterflex, standart cam ve seramik kesicileri ve bilgisayar kontrollü otomatik kesme ve delme makineleri ile istenen boyutlarda kesilebilir.

DELME

Kalesinterflex, cam ya da benzer malzemeler için kullanılan alet ve matkaplar ile delinebileceği gibi diğer bilinen otomatik aletlerle de delinebilir.

TEMİZLEME

Kalesinterflex'in düzgün yüzeyi kir tutmayan bir yapıya sahiptir. Gerekli takdirde su ve bilinen temizlik ürünleri ile kolayca temizlenebilir, lekelenmez.

ÇEVRE DOSTU

Çevreye duyarlı bir teknoloji ile üretilen Kalesinterflex, Ecospecifier belgesine sahiptir. Geleneksel seramik üretim süreçleriyle karşılaştırıldığında gaz ve toz emisyonu 20 kat, CO₂ emisyonu ise 1000 kat daha azdır.

FOTOKATALİTİK

Kalesinterflex Nano Kompozit yüzey özelliği sayesinde fotokataliktir. Leke tutmaz, yağmur ve güneş ışığı sayesinde lekeler temizlenir.

ANTİBAKTERİYEL

Yetersiz aydınlatmaya sahip ortamlarda dahi hem iç mekanları hem de dış mekanları bakterilerden korur.

Hijyeniktir; bakterilere, küfe ve mantara karşı dayanıklıdır. Kalesinterflex Antibakteriyel Ürün Güvencesi TÜBİTAK tarafından onaylıdır.

ANTİGRAFİTİ

Boya kalem, keçeli kalem, ve tahta kalem yazıları kolayca silinir ve temizlenir.

*Arka yüzeyi cam elyaf kaplanmış ürünlerde A2 sınıfı yangına dayanım.

WEIGHT

One Kalesinterflex slab (1000x3000mm) ≈ 21kg (7kg/m²)

FLEXIBILITY

The flexibility radius of a Kalesinterflex Fit slab with concave dimensions of 1000x3000x3mm is 5,5m.

FIRE RESISTANCE*

Kalesinterflex is totally fire resistant and non-flammable (Category 0).

CHEMICAL RESISTANCE

Kalesinterflex is resistant to chemicals (acids and bases) due to its porcelain ceramic structure and glaze layer on its surface.

CUTTING

It can be cut with standard glass, ceramic cutters and computer controlled automatic cutting machines in the required dimensions.

DRILLING

Kalesinterflex can be drilled with glass drills as well as with other known automatic drilling devices.

EASE OF CLEANING

Kalesinterflex has a smooth surface on which dirt does not accumulate. If required it can be cleaned with water and known cleaning agents.

ECO-FRIENDLY

Kalesinterflex, which is produced by an environment friendly technology, has Ecospecifier certificate. Compared to the traditional ceramic production process, its gas and dust emission is 20 times, its CO₂ emission is 1000 times less.

PHOTOCATALYTIC

Kalesinterflex is photocatalytic thanks to its Nano-tech coating surface. Kalesinterflex cleans itself with rain and sunlight.

ANTIBACTERIAL

Protects both outdoor and indoor, even in poorly lit environment. Hygienic; resistant to bacteria, mould and fungus. Antibacterial feature of Kalesinterflex is approved by TÜBİTAK. (The Scientific and Technological Research Council of Turkey)

ANTİGRAFİTİ

Easy to wipe and clean pollutants like crayon, graffiti, permanent marker, board marker.

*Class A2 fire resistance for products with glass fibre back coating.

Değişken Boyutlar

Variable Dimensions

Kalesinterflex, Türkiye'de ilk kez üretilen 1000x3000mm boyutlarındaki tek porselen seramik levhadır. Projenin gerektirdiği ölçülerde kesilip monte edilebilir.

STANDART BOYUTLAR

100x300cm
100x100cm
50x300cm
50x150cm
50x100cm
50x50cm
20x150cm
5x100cm

3MM KALINLIK

Kalesinterflex 3mm kalınlığındadır. İnceliği ürüne esneklik, hafiflik ve uygulama kolaylığı sağlar.

5MM KALINLIK

Kalesinterflex 5mm kalınlığındadır. Trafikin çok yoğun olduğu bölgelere uygundur.

Kalesinterflex is the first porcelain ceramic slab to be produced in Turkey with dimensions of 1000x3000mm. It can be cut in any size required by projects.

STANDARD SIZES

100x300cm
100x100cm
50x300cm
50x150cm
50x100cm
50x50cm
20x150cm
5x100cm

3MM THICKNESS

Kalesinterflex is 3mm thick. This contributes flexibility, light weight and maneuverability.

5MM THICKNESS

Kalesinterflex is 5mm thick. Suitable for high traffic areas.

Yüzeyler Surfaces



Kalesinterflex mat yüzey
Kalesinterflex matte surface

Kalesinterflex, mat, parlak ve kaymaz olmak üzere üç farklı yüzey alternatifine sahiptir. Kalesinterflex mat ve parlak yüzeyler, renk paletinde mevcut olan 18 renkte uygulanabilmektedir.

Kalesinterflex has three surface alternatives: Matte polished and anti-slip. Kalesinterflex matte polished and anti-slip surfaces are available in 18 colors.



Kalesinterflex parlak yüzey
Kalesinterflex polished surface

Dünya'nın en büyük parlak seramiği World's largest polished ceramic

66X300cm, 50x300cm, 33x300cm, 50x150cm, 50x100cm, 50x50cm boyutlarında üretilen dünyanın en büyük ve en hafif (12kg/m²) parlak yüzeyli porselen seramiğidir. 5mm kalınlıkta üretilmektedir.

Kalesinterflex is the lightest (12kg/m²) polished porcelain ceramic of the world with the dimensions of 66x300cm, 50x300cm, 33x300cm, 50x150cm, 50x100cm and 50x50cm. It is produced in 5mm thickness.

Ürün Grupları Product Groups



DÜZ / PLAIN

1000x3000x3mm boyutlarında

Kalesinterflex levha. (Mat Yüzey)

1000x3000x5mm boyutlarında

Kalesinterflex levha. (Mat Yüzey)

Kalesinterflex slab with the dimensions of
1000x3000x3mm (Matte Surface)

Kalesinterflex slab with the dimensions of
1000x3000x5mm. (Matte Surface)



FIT

1000x3000x3mm boyutlarında cam elyaf destekli

Kalesinterflex Fit levha. (Mat Yüzey)

1000x3000x5mm boyutlarında cam elyaf destekli

Kalesinterflex Fit levha. (Mat ve Parlak Yüzey)

Fiberglass reinforced Kalesinterflex Fit slab with
the dimensions of 1000x3000x3mm
(Matte Surface)

Fiberglass reinforced Kalesinterflex Fit slab with
the dimensions of 1000x3000x5mm
(Matte and Polished Surface)



LAMINEX

1000x3000x7mm boyutlarında cam elyaf destekli

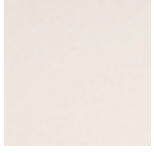
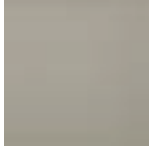
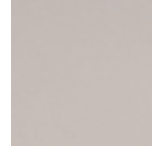
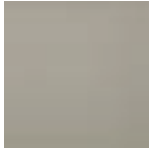
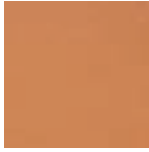
çift kat Kalesinterflex levha. (Mat Yüzey)

1000x3000x11mm boyutlarında cam elyaf destekli

çift kat Kalesinterflex levha. (Mat Yüzey)

Fiberglass reinforced double layer Kalesinterflex
slab with the dimensions of 1000x3000x7mm
(Matte Surface)

Fiberglass reinforced double layer Kalesinterflex
slab with the dimensions of 1000x3000x11mm
(Matte Surface)

RENKLER / COLORS**MAT YÜZEY / MATTE SURFACE****Beyaz**
White**Siyah**
Black**Çimento Gri**
Cement Grey**Koyu Gri**
Dark Grey**Bej**
Beige**Bej-gri**
Beige-grey***Kahve**
Mocha**Fildişi**
Ivory***Safran**
Saffron***Turuncu**
Orange***Kızıl**
Coral***Zeytin Yeşili**
Olive Green***Fıstık Yeşili**
Pistachio Green***Çakıl Gri**
Pebble Grey***Turkuaz**
Turquoise***Mavi**
Blue***Mega Beyaz**
Mega White***Mega Siyah**
Mega Black**PARLAK YÜZEY / POLISHED SURFACE****Beyaz**
White**Siyah**
Black**Çimento Gri**
Cement Grey**Koyu Gri**
Dark Grey**Bej**
Beige**Bej-gri**
Beige-grey***Kahve**
Mocha**Fildişi**
Ivory***Safran**
Saffron***Turuncu**
Orange***Kızıl**
Coral***Zeytin Yeşili**
Olive Green***Fıstık Yeşili**
Pistachio Green***Çakıl Gri**
Pebble Grey***Turkuaz**
Turquoise***Mavi**
Blue***Mega Beyaz**
Mega White***Mega Siyah**
Mega Black

Projelere özel renk çalışmaları, özel koşullar dahilinde yapılmaktadır.

Kalesinterflex mat ve parlak yüzey alternatifleriyle 18 farklı düz renk seçeneği sunmaktadır.

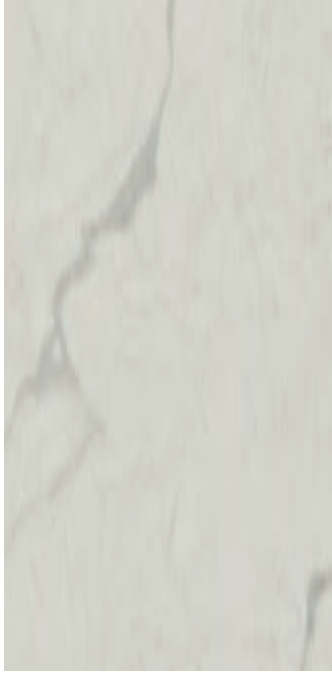
*İşaretili ürünlerin temini için lütfen sipariş vermeden önce bilgi alınız.

Project-based color works are performed under special conditions.

Kalesinterflex offers 18 different solid color options with matte and glossy surface alternatives.

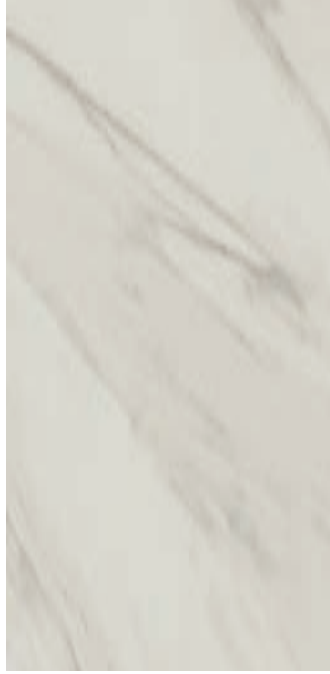
*Please get information before placing an offer for the procurement of the marked products.

Max Marmi / Max Marmi



Max Marmi Snow

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



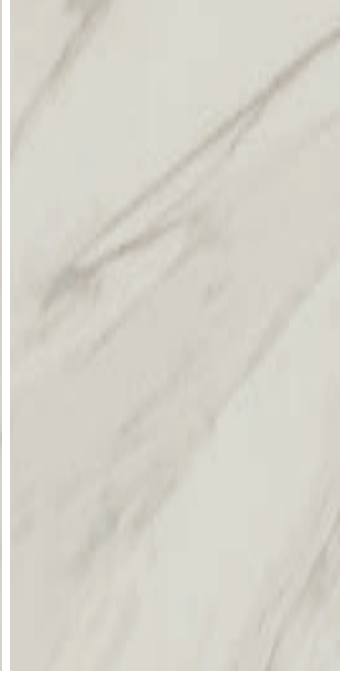
Max Marmi Milk

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Max Marmi Snow Open Book

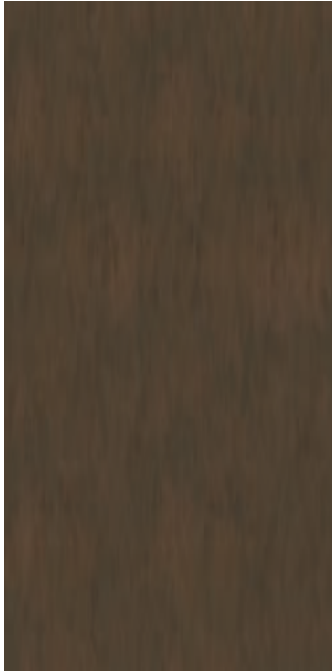
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Max Marmi Milk Open Book

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)

Metalik / Metallic



Kızıl / Coral

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



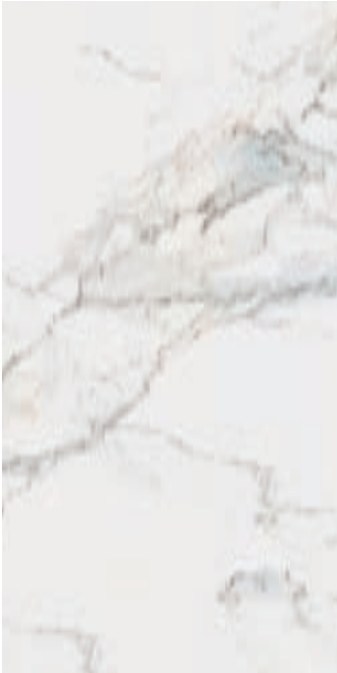
Antrasit / Anthracite

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)

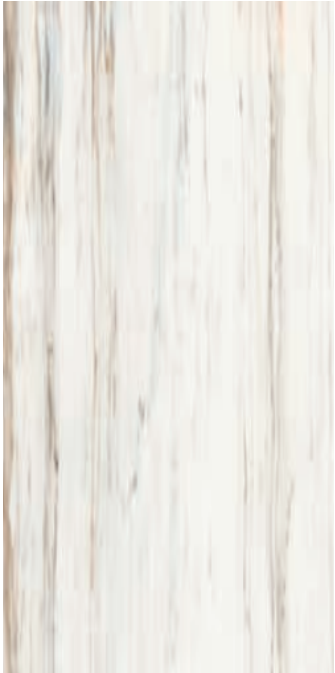
Marbles



Limestone
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Calacatta
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Zebrino
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



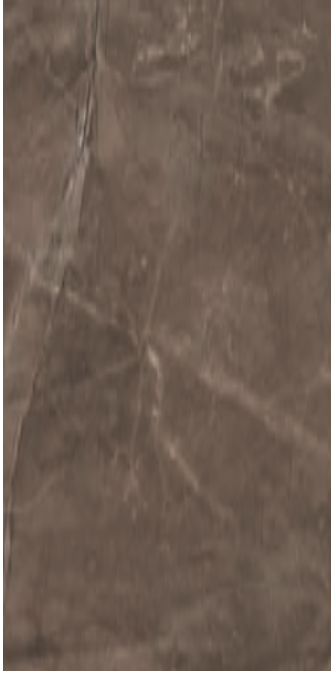
Travertino Classico
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Travertino Noce
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Crema Marfil
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Pulpis

A Plain / Fit (100x300cm)

K Plain / Fit (50x300cm)

B Plain / Fit (100x100cm)

C Plain / Fit (50x150cm)

F Plain / Fit (50x50cm)

G Plain / Fit (50x100cm)



Mocha Perla

A Plain / Fit (100x300cm)

K Plain / Fit (50x300cm)

B Plain / Fit (100x100cm)

C Plain / Fit (50x150cm)

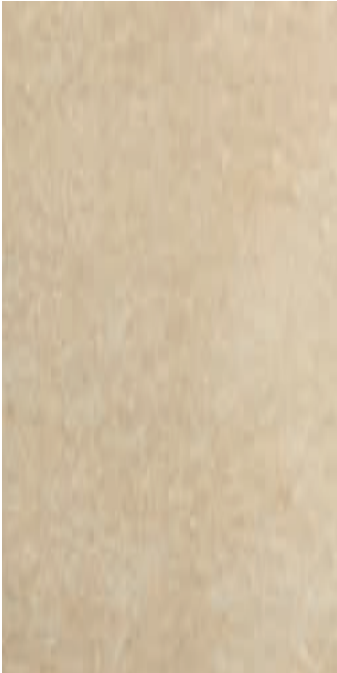
F Plain / Fit (50x50cm)

G Plain / Fit (50x100cm)

Natural Stone



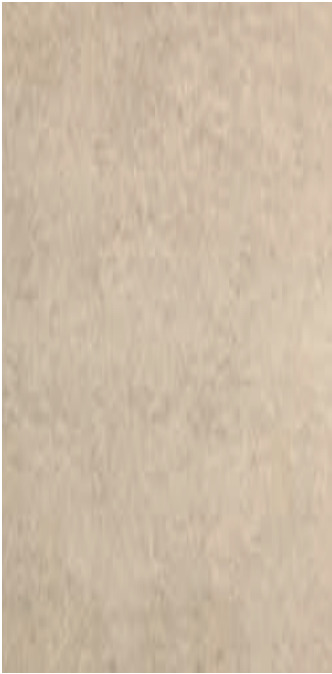
Brera Creme
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Leccese Light Sand
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Leccese Dark Sand
A Plain / Fit (100x300cm)
K Plain / Fit (500x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Leccese Grey
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Pietra Grey
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Pietra Blue
A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)

Luxury Cement



Luxury Cement Fildişi / Ivory
 A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)



Luxury Cement Kum / Sand
 A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)



Luxury Cement Bej / Beige
 A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)



Luxury Cement Vizon / Mink
 A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)



Luxury Cement Gri / Luxury Cement Grey
 A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)



Luxury Cement Antrasit / Anthracite
 A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)

Legno



Light

- A Plain / Fit (100x300cm)
- K Plain / Fit (50x300cm)
- B Plain / Fit (100x100cm)
- C Plain / Fit (50x150cm)
- F Plain / Fit (50x50cm)
- G Plain / Fit (50x100cm)
- D Plain / Fit (20x150cm)



Medium

- A Plain / Fit (100x300cm)
- K Plain / Fit (50x300cm)
- B Plain / Fit (100x100cm)
- C Plain / Fit (50x150cm)
- F Plain / Fit (50x50cm)
- G Plain / Fit (50x100cm)
- D Plain / Fit (20x150cm)



Dark

- A Plain / Fit (100x300cm)
- K Plain / Fit (50x300cm)
- B Plain / Fit (100x100cm)
- C Plain / Fit (50x150cm)
- F Plain / Fit (50x50cm)
- G Plain / Fit (50x100cm)
- D Plain / Fit (20x150cm)



Grey

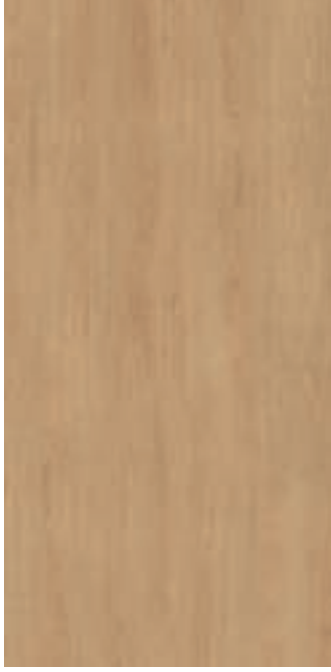
- A Plain / Fit (100x300cm)
- K Plain / Fit (50x300cm)
- B Plain / Fit (100x100cm)
- C Plain / Fit (50x150cm)
- F Plain / Fit (50x50cm)
- G Plain / Fit (50x100cm)
- D Plain / Fit (20x150cm)



Mocha

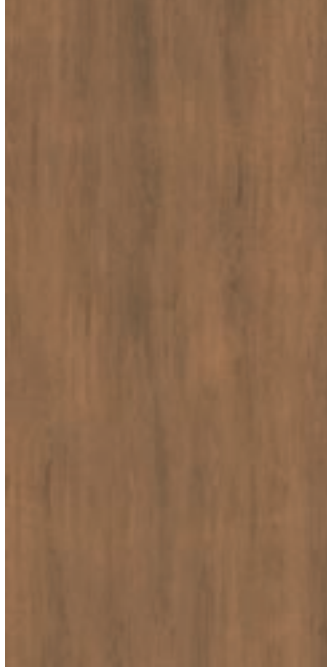
- A Plain / Fit (100x300cm)
- K Plain / Fit (50x300cm)
- B Plain / Fit (100x100cm)
- C Plain / Fit (50x150cm)
- F Plain / Fit (50x50cm)
- G Plain / Fit (50x100cm)
- D Plain / Fit (20x150cm)

Woodline



Woodline Akçaağaç / Maple

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
D Plain / Fit (20x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



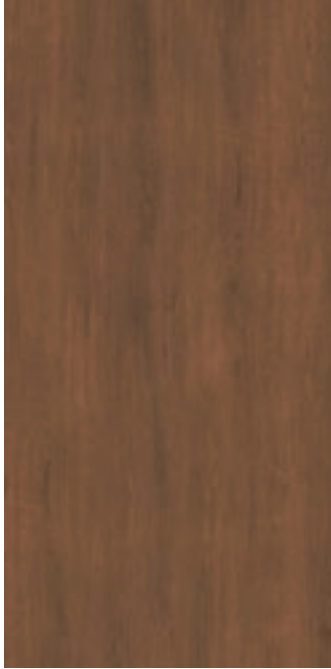
Woodline Meşe / Oak

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
D Plain / Fit (20x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Woodline Ceviz / Walnut

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
D Plain / Fit (20x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Woodline Kiraz / Cherry

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
D Plain / Fit (20x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)

C-Stone



Beyaz / White

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Bej / Beige

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



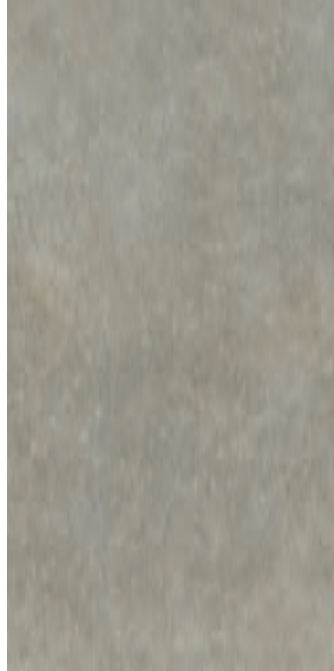
Açık Kahve / Light Brown

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Koyu Kahve / Dark Brown

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Gri / Grey

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)



Antrasit / Anthracite

A Plain / Fit (100x300cm)
K Plain / Fit (50x300cm)
B Plain / Fit (100x100cm)
C Plain / Fit (50x150cm)
F Plain / Fit (50x50cm)
G Plain / Fit (50x100cm)

Fusta**Beyaz / White**

A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 D Plain / Fit (20x150cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)

Oxido**Buz / Ice**

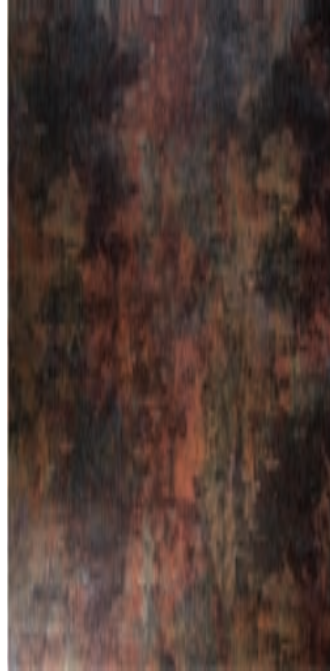
A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)

**Yosun / Moss**

A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)

**Siyah / Black**

A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 D Plain / Fit (20x150cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)

**Alev / Flame**

A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)

**Petrol / Oil**

A Plain / Fit (100x300cm)
 K Plain / Fit (50x300cm)
 B Plain / Fit (100x100cm)
 C Plain / Fit (50x150cm)
 F Plain / Fit (50x50cm)
 G Plain / Fit (50x100cm)

Calco Fango



A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Calco Cemento



A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Bernini



A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Statuario



A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

K - Greige

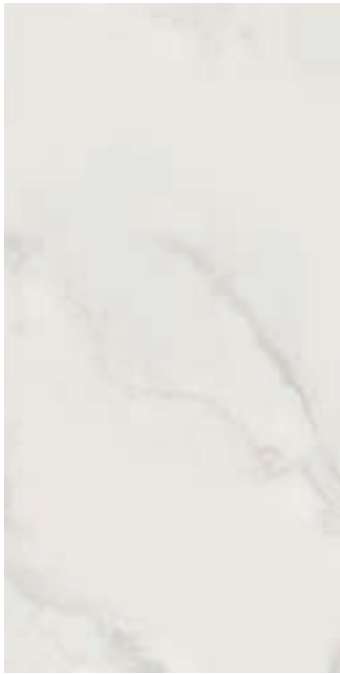


A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Carrara Extra



A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Calacatta White

A Plain / Fit (100x300cm)
 B Plain / Fit (100x100cm)
 G Plain / Fit (50x100cm)

Onice White

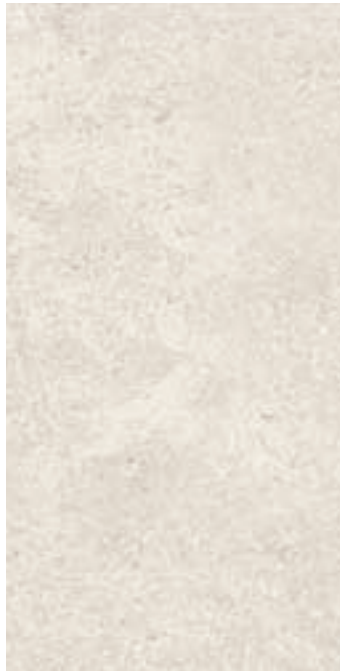
A Plain / Fit (100x300cm)
 B Plain / Fit (100x100cm)
 G Plain / Fit (50x100cm)

Palisandro White

A Plain / Fit (100x300cm)
 B Plain / Fit (100x100cm)
 G Plain / Fit (50x100cm)

Pietra Toscana

A Plain / Fit (100x300cm)
 B Plain / Fit (100x100cm)
 G Plain / Fit (50x100cm)

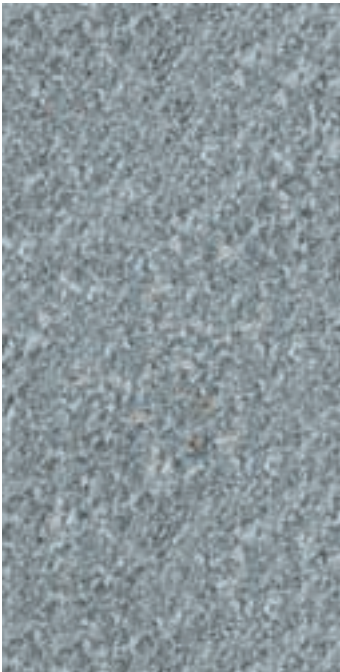
Pietra Capri

A Plain / Fit (100x300cm)
 B Plain / Fit (100x100cm)
 G Plain / Fit (50x100cm)

Pietra Di Chatillonnais

A Plain / Fit (100x300cm)
 B Plain / Fit (100x100cm)
 G Plain / Fit (50x100cm)

Pietra Di Luserna



A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Pietra Di Cogne



A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Pietra Serena



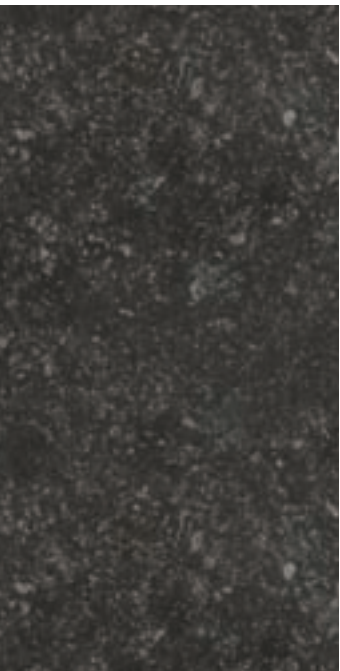
A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Pietra Basaltina



A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Pietra Del Belgio



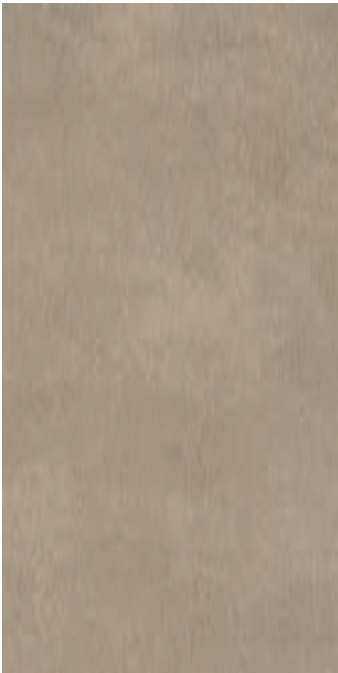
A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)



Mud



GY 302
A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)



GY 304
A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

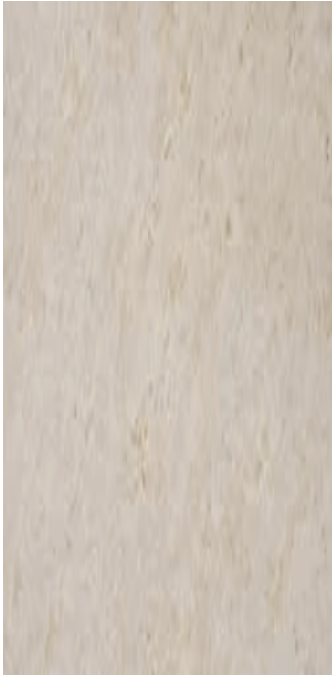


GY 316
A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)



GY 323
A Plain / Fit (100x300cm)
B Plain / Fit (100x100cm)
G Plain / Fit (50x100cm)

Sandstone

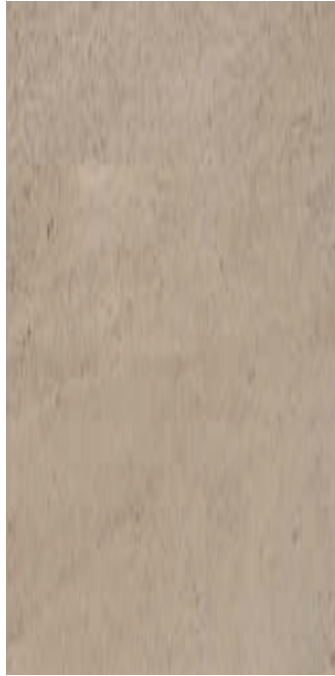


GY 303

A Plain / Fit (100x300cm)

B Plain / Fit (100x100cm)

G Plain / Fit (50x100cm)



GY 305

A Plain / Fit (100x300cm)

B Plain / Fit (100x100cm)

G Plain / Fit (50x100cm)



GY 317

A Plain / Fit (100x300cm)

B Plain / Fit (100x100cm)

G Plain / Fit (50x100cm)

Plank



BG 104
A Plain / Fit (100x300cm)
D Plain / Fit (20x150cm)



BG 110
A Plain / Fit (100x300cm)
D Plain / Fit (20x150cm)



BG 111
A Plain / Fit (100x300cm)
D Plain / Fit (20x150cm)



BG 114
A Plain / Fit (100x300cm)
D Plain / Fit (20x150cm)

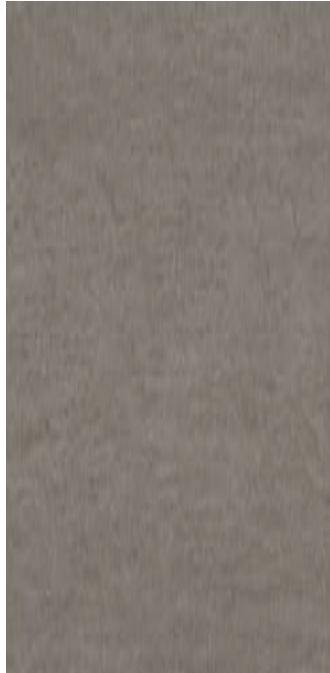
Basalt

GY308

A Plain / Fit (100x300cm)

B Plain / Fit (100x100cm)

G Plain / Fit (50x100cm)



GY324

A Plain / Fit (100x300cm)

B Plain / Fit (100x100cm)

G Plain / Fit (50x100cm)

Kalesinterflex Gizli Klipsli Sistem

Kalesinterflex Hidden Clips Fitted Facade System

UYGULAMA ALANLARI

- Çok katlı binaların dış cephelerinde.

APPLICATION AREAS

- The facade of high buildings.

UYGULAMA YÖNTEMİ

- Kalesinterflex porselen levhalarda minimum kesim sağlayacak yerleşim projesinin çizilmesi.
- Projeye uygun olarak, bina yüzeyinden 10-15cm uzaklıkta düşey akslar halinde alüminyum alt konstrüksiyonun oluşturulması.
- Taşıyıcı alüminyum klipslerin, projedeki yatay akslarda T profiller üzerine YSB vida ile sabitlenerek klipsler üzerindeki fitil yuvasına EPDM fitil takılması.
- Projeye uygun ebatlanmış ve arka kısımlarına alüminyum yatay askı profilleri poliüretan esaslı yapıştırıcı ile yapıştırılmış Kalesinterflex levhaların taşıyıcı klipsler asılması.

APPLICATION METHOD

- Drawing architectural facade project to obtain suitable tile application.
- Preparing vertical aluminium subconstruction at approximately 10-15cm from the facade according to the architectural project.
- Fixing the loadbearing aluminium clips on T-profiles in the horizontal axis of the project using cross-cylindrical head screws, and fitting EPDM cords into the cord housing on the clips.
- Hanging the Kalesinterflex boards which are sized in accordance with the project and adhered with horizontal aluminium hanger profiles to backsides by polyurethane-based adhesives.

ISI YALITIM

- İstenildiği takdirde, bina yüzeyi ile porselen karo arasında ekstrüde polistren köpük veya camtülü kaplı taşyünü ile ısı yalıtımı uygulaması yapılması.

HEAT INSULATION

- Applying heat insulation by using XPS or rockwool between surface of the building and the porcelain tile, if needed.

KULLANILAN PORSELEN KARO EBATLARI

- Mat Fit 3mm / Fit 5mm: 100x300, 50x300, 100x150, 100x100, 50x150, 50x100cm
- Parlak Fit 5mm: 50x300, 50x150, 50x100cm

PORCELAIN TILE DIMENSIONS FOR HIDDEN CLIPS FITTED FACADE SYSTEM

- Matte Fit 3mm / Fit 5mm: 100x300, 50x300, 100x150, 100x100, 50x150, 50x100cm
- Glossy Fit 5mm: 50x300, 50x150, 50x100cm

SİSTEM AĞIRLIĞI

- Seramik ağırlığı (7 - 12 kg/m²)
- Konstrüksiyon ağırlığı (4 - 6 kg /m²)

WEIGHT OF THE SYSTEM

- Tile weight (7 - 12 kg/m²)
- Construction weight (4 - 6 kg/m²)





Haciosman Metro Durağı / İstanbul — 3mm Fit Mat Özel Renk Çalışması
Haciosman Metro Station / İstanbul — 3mm Fit Matte Special Color
Mimar : Yüksel Proje — Architect : Yüksel Project





Darüşşafaka Metro İstasyonu / İstanbul — 3mm Fit Mat Bej
Darüşşafaka Metro Station / İstanbul — 3mm Fit Matte Beige
Mimar : Yüksel Proje — Architect : Yüksel Project





Toki İncek Konutları / Ankara — 3mm Mat Fit Beyaz - 3mm Mat Fit Bej Gri / Gizli Klipsli Sistem

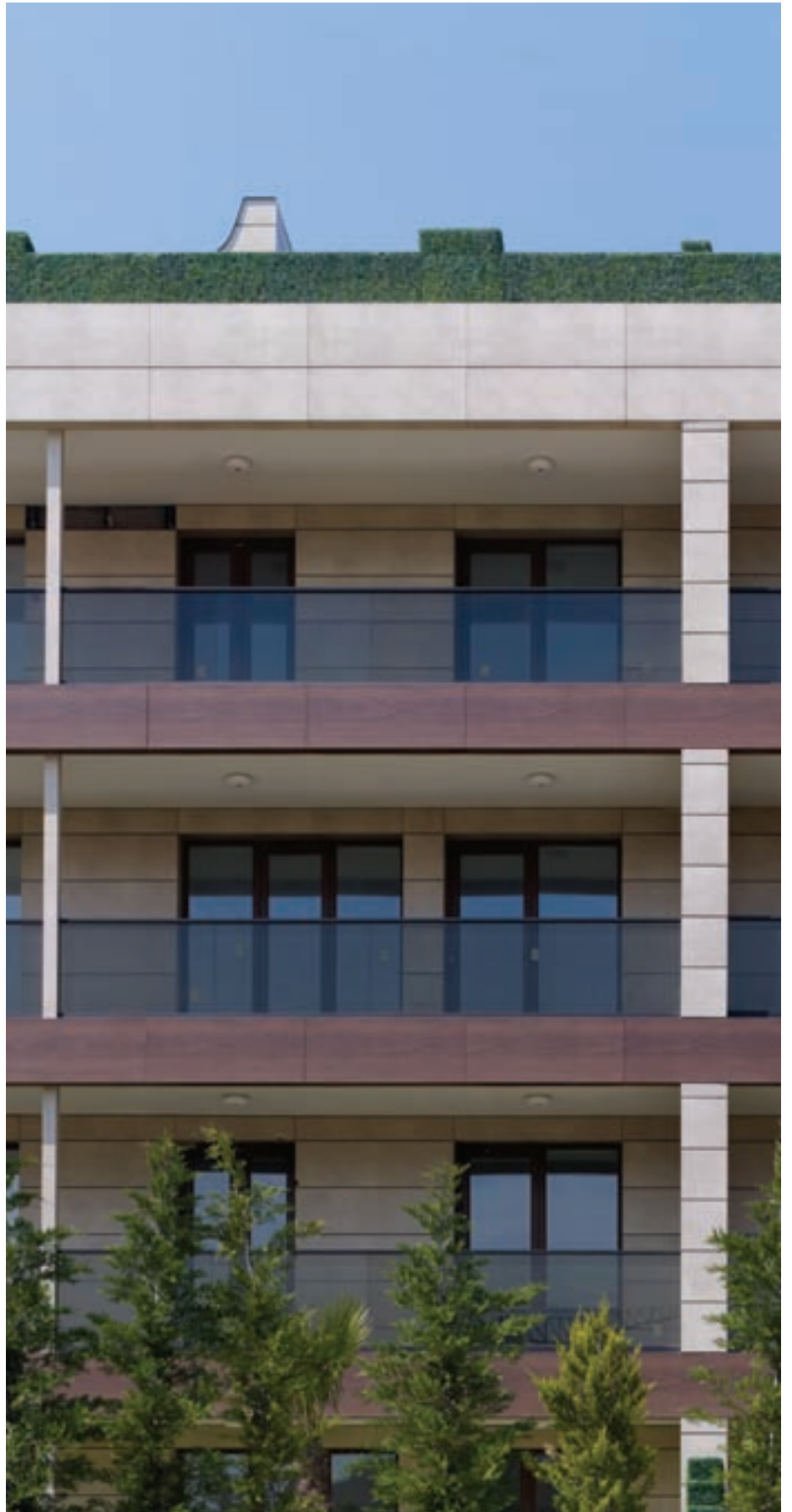
Toki İncek Residences / Ankara — 3mm Matte Fit White - 3mm Matte Fit Beige Grey / Hidden Clips Fitted Facade System

Mimar : Nazan Sağlam Mimarlık — Architect : Nazan Saglam Architects



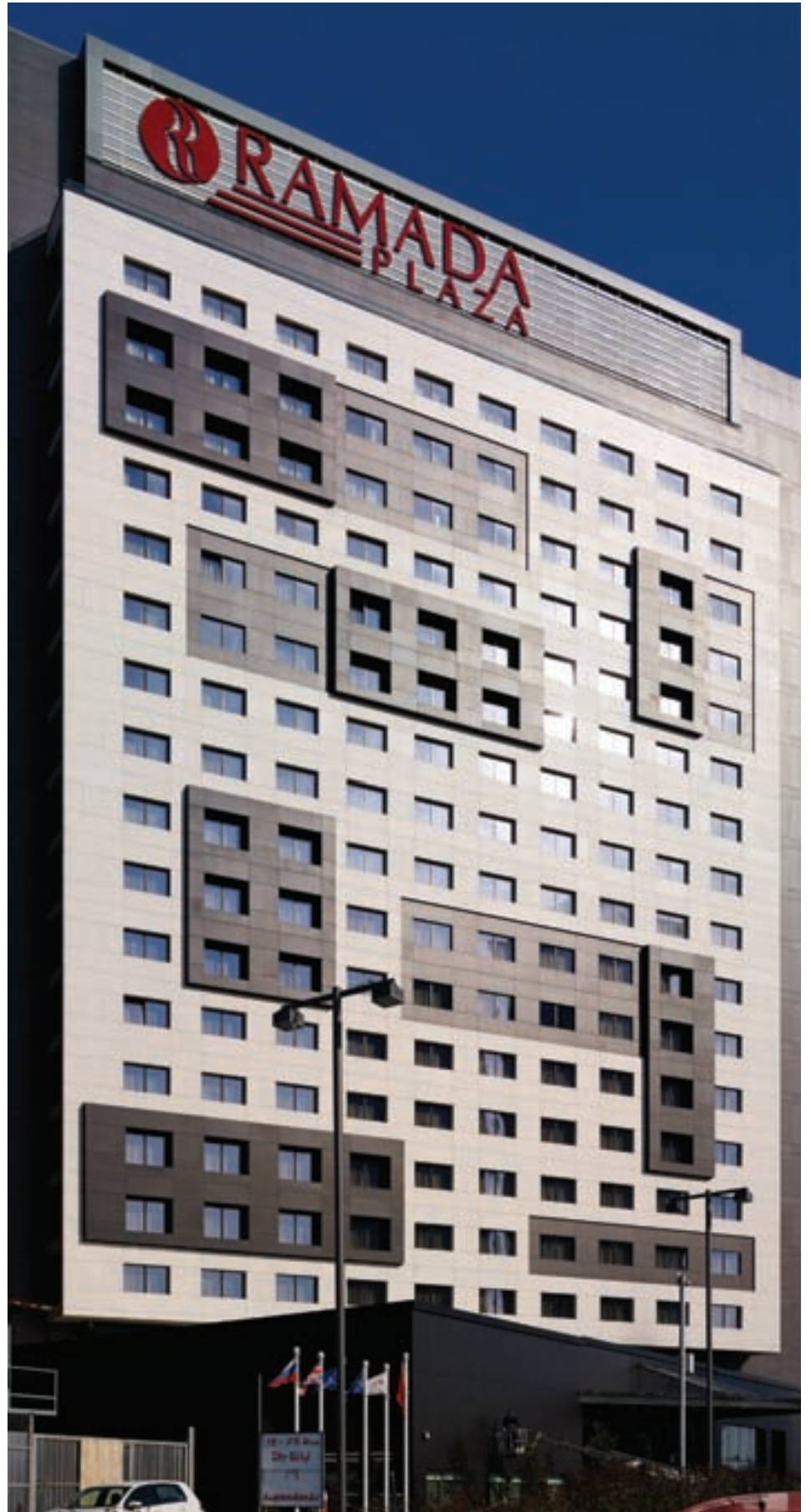


Misia Konutları, Bursa / 3mm Mat Fit Luxury Cement Fildişi - 3mm Mat Fit Technowood Ceviz / Gizli Klipsli Sistem
Misia Residence, Bursa / 3mm Matte Fit Luxury Cement Ivory - 3mm Matte Fit Technowood Walnut / Hidden Clips Fitted Facade System
Mimar : Emre Arolat Architects — Architect : Emre Arolat Architects





Ramada Plaza / İstanbul — 3mm Mat Fit Mega Siyah - 3mm Fit Mat Mega Beyaz - 3mm Mat Fit Luxury Cement Antrasit / Gizli Klipsli Sistem
Ramada Plaza / İstanbul — 3mm Matte Fit Mega Black - 3mm Fit Matte Mega White - 3mm Matte Fit Luxury Cement Anthracite / Hidden Clips Fitted Facade System
Mimar : M Ofis — Architect : M Office





İTOB Yönetim Binası, Menderes / İzmir — Kalesinterflex 3mm Fit Beyaz / Gizli Klipsli Sistem
İTOB Yönetim Binası, Menderes / İzmir — Kalesinterflex 3mm Fit White / Hidden Clips Fitted Facade System
Mimar : Pao Mimarlık — Architect : Pao Architectural Office





Lütfi Kırdar Kongre Merkezi / İstanbul — Kalesinterflex 3mm Fit Özel Renk / Gizli Klipsli Sistem

Lütfi Kırdar Convention Center / İstanbul — Kalesinterflex 3mm Fit Special Color / Hidden Clips Fitted Facade System

Mimar : Arima Mimarlık — Architect : Arima Architectural Office





Kayseri Adliye Sarayı / Kayseri — 3mm Mat Fit Beyaz - 3mm Mat Fit Çimento Gri - 3mm Mat Fit Fildişi / Gizli Klipsli Sistem
Kayseri Courthouse / Kayseri — 3mm Matte Fit White - 3mm Matte Fit Cement Grey - 3mm Matte Fit Ivory/ Hidden Clips Fitted Facade System
Mimar : Ven Mimarlık — Architect : Ven Architects





Avrupa Konutları Topkapı / İstanbul — Kalesinterflex 3mm fit limestone, 3mm fit sandstone gy305 / Gizli Klipsli Sistem
Avrupa Residences Topkapı / İstanbul — Kalesinterflex 3mm fit limestone, 3mm fit sandstone gy305 / Hidden Clips Fitted Facade System
Mimarlık: Viva Mimarlık — Architect : Viva Architects

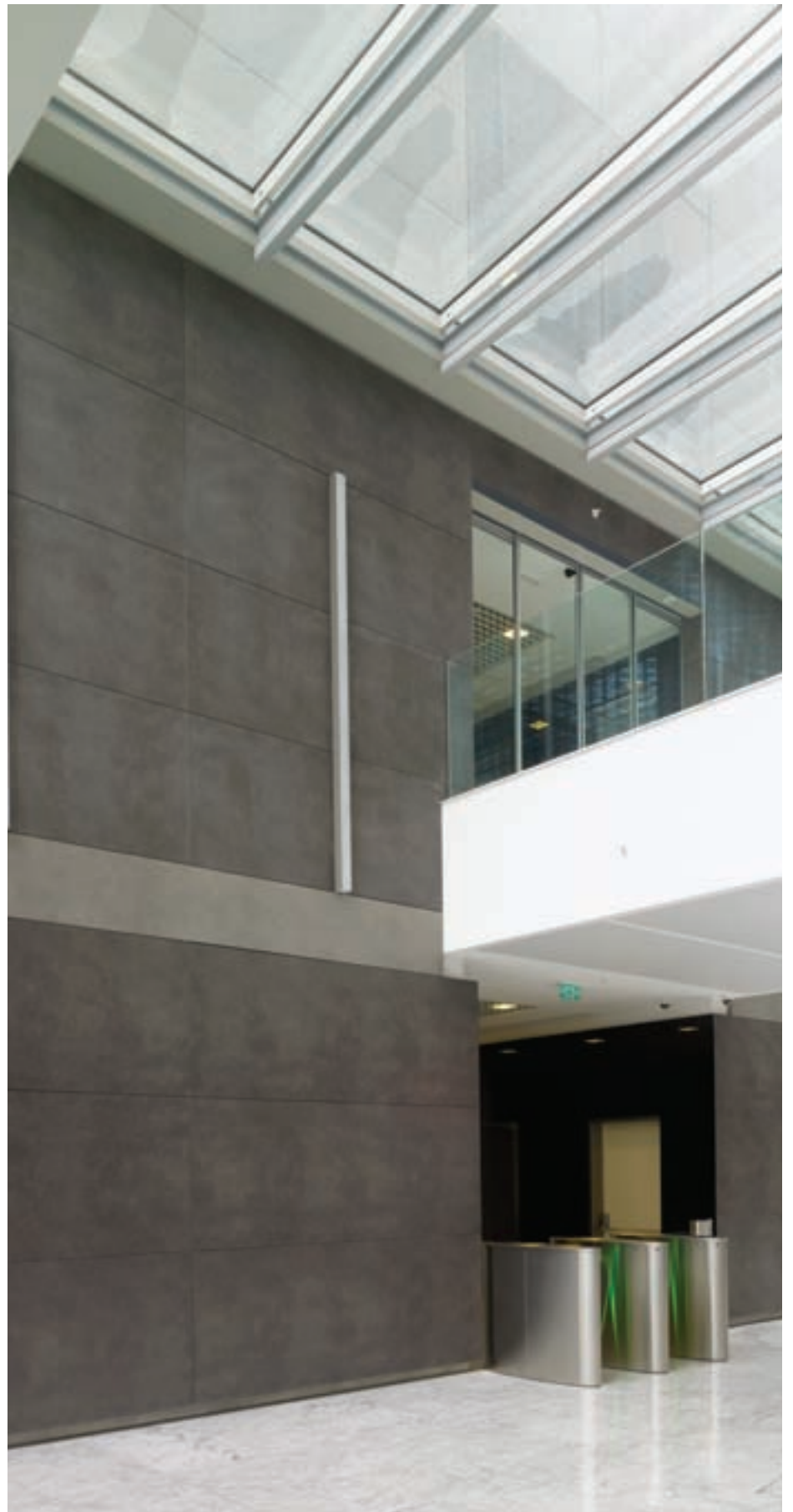




Kavacık İş Merkezi / İstanbul — 3mm Mat Fit Luxury Cement Gri - 3mm Mat Fit Antrasit / Gizli Klipsli Sistem

Kavacık Business Center / İstanbul — 3mm Matte Fit Luxury Cement Grey - 3mm Matte Fit Anthracite / Hidden Clips Fitted Facade System

Mimar : Cevahir İnşaat — Architect : Cevahir Construction Company





Koç Üniversitesi Tıp Fakültesi Hastanesi Topkapı / İstanbul — Kalesinterflex 3mm Fit Lecesse Grey / Gizli Klipsli Sistem

Koç University School of Medicine Topkapı / İstanbul — Kalesinterflex 3mm Fit Lecesse Grey / Hidden Clips Fitted Facade System

Mimar :Kreatif Mimarlık — Architect: Kreatif Architectural Office





29 Mayıs Üniversitesi / İstanbul — Kalesinterflex 3mm fit Luxury Cement Fildişi, 3mm fit Luxury Cement vizon, 3mm fit özel ürün 29 Mayıs Üniversitesi açık ahşap, 3mm fit özel ürün 29 Mayıs Üniversitesi koyu ahşap / Gizli Klipsli Sistem
29 May University / İstanbul — Kalesinterflex 3mm fit Luxury Cement Ivory, 3mm fit Luxury Cement mink, 3mm fit special 29 May University light wood, 3mm fit special 29 May University dark wood / Hidden Clips Ivory Facade System
Mimar: Zambak Mimarlık — Architect: Zambak Architectural Office



29 Mayıs Üniversitesi / İstanbul — Kalesinterflex 3mm fit Luxury Cement Fildişi, 3mm fit Luxury Cement vizon, 3mm fit özel ürün 29 Mayıs Üniversitesi açık ahşap, 3mm fit özel ürün 29 Mayıs Üniversitesi koyu ahşap / Gizli Klipsli Sistem
29 May University / İstanbul — Kalesinterflex 3mm fit Luxury Cement Ivory, 3mm fit Luxury Cement mink, 3mm fit special 29 May University light wood, 3mm fit special 29 May University dark wood / Hidden Clips Ivory Facade System
Mimar: Zambak Mimarlık — Architect: Zambak Architectural Office



Bulvar İstanbul / İstanbul — Kalesinterflex 3mm fit mat beyaz, 3mm fit mat kırmızı, 3mm fit mat turkuaz, 3mm fit Lecessé Grey / Gizli Klipsli Sistem

Bulvar İstanbul / İstanbul — Kalesinterflex 3mm fit mat beyaz, 3mm fit mat kırmızı, 3mm fit mat turkuaz, 3mm fit Lecessé Grey / Hidden Clips Fitted Facade System

Mimarlık: Spdo Mimarlık — Architect: Sabri Paşayığıt Design Office



Dünya Göz Hastanesi / Ankara — Kalesinterflex 3mm Fit Jura Kahve / Gizli Klipsli Sistem
Dünya Göz Hospital / Ankara — Kalesinterflex 3mm Fit Jura Brown / Hidden Clips Fitted Facade System
Mimar : Ahmet Öztürk Mimarlık — Architect : Ahmet Öztürk Architectural Office



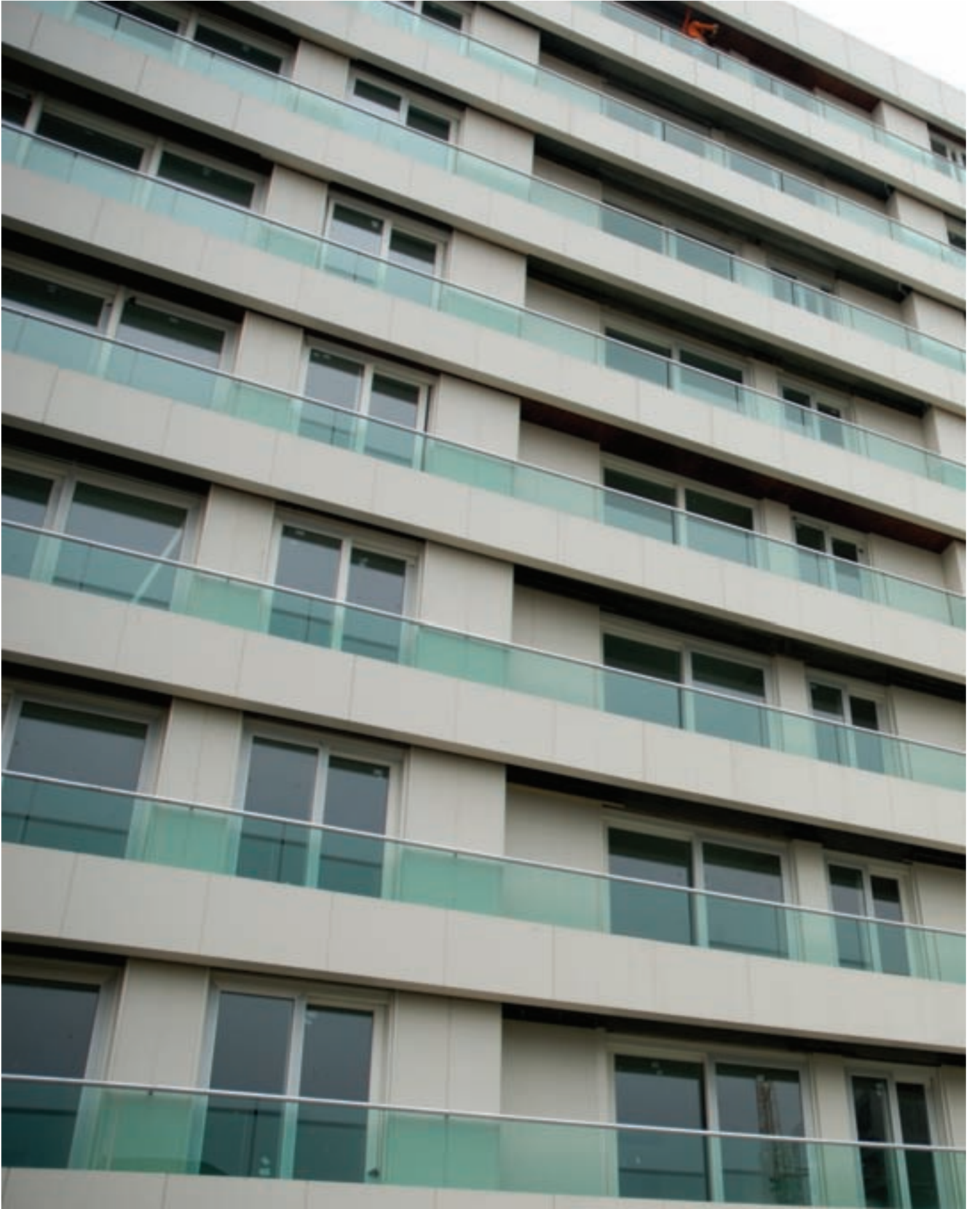
Avrupa Konutları Acıbadem Atakent Hastanesi, Halkalı / İstanbul — Kalesinterflex 3mm Fit Beyaz - Kalesinterflex 3mm Fit Kızıl / Gizli Klipsli Sistem
Avrupa Residences Acıbadem Atakent Hospital, Halkalı / İstanbul — Kalesinterflex 3mm Fit White - Kalesinterflex 3mm Fit Crimson / Hidden Clips Fitted Facade System
Mimar : Arta Mimarlık — Architect : Arta Architectural





Acibadem Hastanesi, Maslak / İstanbul — Kalesinterflex 3mm Fit Beyaz / Gizli Klipsli Sistem
Acibadem Hospital, Maslak / İstanbul — Kalesinterflex 3mm Fit White / Hidden Clips Fitted Facade System
Mimar : Ertunga Mimarlık — Architect : Ertunga Architectural Office





Novus Residence, Ataköy / İstanbul — Kalesinterflex 3mm Fit Beyaz / Gizli Klipsli Sistem

Novus Residence, Ataköy / İstanbul — Kalesinterflex 3mm Fit White / Hidden Clips Fitted Facade System

Mimar : TAGO Mimarlık — Architect : TAGO Architectural Office



Avrupa Konutları / İstanbul — 3mm Fit Mat Beyaz - 3mm Fit Mat Kızıl - 3mm Fit Mat Antrasit - 3mm Fit Mat Siyah / Gizli Klipsli Sistem
Avrupa Residence / İstanbul — 3mm Fit Matte White - 3mm Fit Matte Coral - 3mm Fit Matte Anthracite - 3mm Fit Matte Black /
Hidden Clips Fitted Facade System



Qenstinye / İstanbul — Kalesinterflex 3mm fit luxury cement gri / Gizli Klipsli Sistem
Qenstinye / İstanbul — Kalesinterflex 3mm fit luxury cement grey / Hidden Clips Fitted Facade System
Mimar : Tabanlıglu Mimarlık — Architect : Tabanlıglu Artichitects



Ahenk Apartmanı / İstanbul — Kalesinterflex 3mm Fit Lecesses Grey, 3mm Fit Luxury Cement Vizyon (vizon) / Gizli Klipsli Sistem
Ahenk Apartment / İstanbul — Kalesinterflex 3mm Fit Lecesses Grey, 3mm Fit Luxury Cement Mink / Hidden Clips Fitted Facade System



İzmir Park AVM/ İzmir — Kalesinterflex 3mm fit beyaz, 3mm fit mavi, 3mm fit design wood bg 106 / Gizli Klipsli Sistem

İzmir Park AVM/ İzmir — Kalesinterflex 3mm Fit Matte White, 3mm Fit Matte Coral, 3mm Fit Matte Turquoise, 3mm Fit Lecessé Grey / Hidden Clips Fitted Facade System

Mimar : MEDA Mimarlık — Architect : MEDA Architectural Office



Porselen Karo / Porcelain Tile





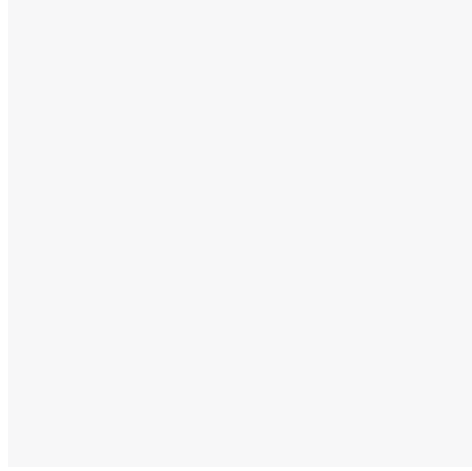
MONO PORSELEN / MONO PORCELAIN



mat / matte

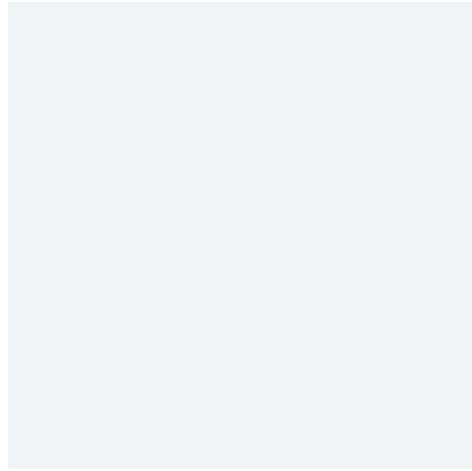


parlak / polished



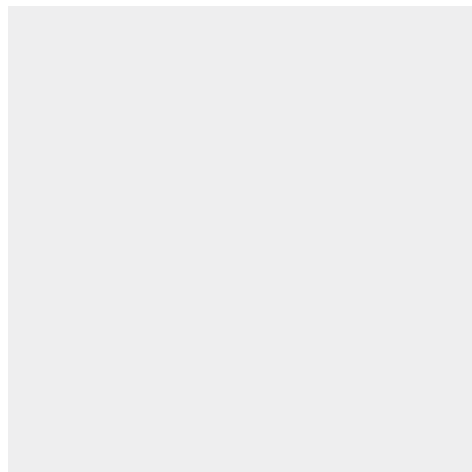
30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Mega Beyaz / Mega White



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Süper Beyaz / Super White



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Fildişi / Ivory



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Gri / Grey



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Antrasit / Anthracite



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Mega Siyah / Mega Black



Mono Porselen / Mono Porcelain

Kodlar / Codes

Renk Color	Yüzey Surface	80x160cm 32"x64"	60x120cm 24"x48"	80x80cm 32"x32"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance
Mega Beyaz Mega White	Mat / Matte	GM-E083	GM-R082	GM-A083	GM-U083	GM-V083	R9
	Parlak / Polished	GM-E083	GP-R083	GP-A083	GM-U083	GM-V083	
Süper Beyaz Super White	Mat / Matte	GM-E072	GM-R072	GM-A072	GM-U782	GM-V072	R9
	Parlak / Polished	GP-E072	GP-R072	GP-A072	GP-U782	GP-V072	
Fildişi / Ivory	Mat / Matte	GM-E532	GM-R532	GM-A532	GM-U532	GM-V532	R9
	Parlak / Polished	GP-E532	GP-R532	GP-A532	GP-U532	GP-V532	
Gri / Grey	Mat / Matte	GM-E044	GM-R044	GM-A999	GM-U102	GM-V044	R9
	Parlak / Polished	GP-E044	GP-R044	GP-A044	GP-U102	GP-V044	
Antrasit / Anthracite	Mat / Matte	GM-E070	GM-R672	GM-A672	GM-U672	GM-V070	R9
	Parlak / Polished	GP-E070	GP-R672	GP-A672	GP-U672	GP-V070	
Mega Siyah Mega Black	Mat / Matte	GM-E082	GM-R082	GM-A082	GM-U082	GM-V082	R9
	Parlak / Polished	GP-E082	GP-R082	GP-A082	GP-U082	GP-V082	

Ebat / Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24" Mat / Matte	10	8	1.44	32.40	32	46.08	1036.80
30x60cm / 12"x24" Parlak / Polished	9	8	1.44	30.00	36	51.84	1079.83
60x60cm / 24"x24" Mat / Matte	10	4	1.44	32.89	30	43.20	986.69
60x60cm / 24"x24" Parlak / Polished	9	4	1.44	30.30	30	43.20	908.93
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.48	40	51.20	1339.39
80x80cm / 32"x32" Parlak / Polished	10	2	1.28	33.48	40	51.20	1339.39
60x120cm / 24"x48" Mat / Matte	10	2	1.44	42.84	27	38.88	1156.68
60x120cm / 24"x48" Parlak / Polished	9	2	1.44	36.86	27	38.88	995.33
80x160cm / 32"x64" Mat / Matte	10	1	1.28	33.00	34	43.52	1207.00
80x160cm / 32"x64" Parlak / Polished	11	1	1.28	33.00	34	43.52	1207.00



SILVER STONE



naturel / natural



kaya yüzeyi / rock surface



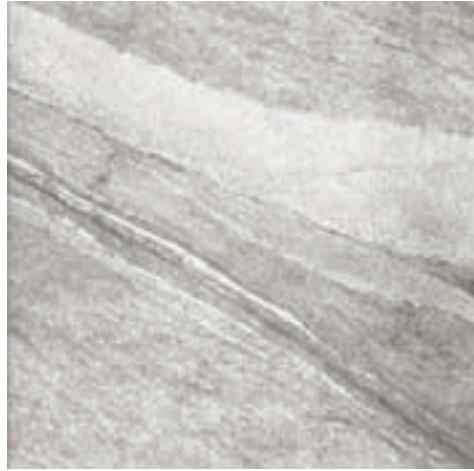
grip / grip



diagonal / diagonal



antislip / antislip



40x80cm / 16"x32"
80x80cm / 32"x32"

Orjinal Gri / Original Grey



40x80cm / 16"x32"
80x80cm / 32"x32"

Antrasit / Anthracite



40x80cm / 16"x32"
80x80cm / 32"x32"

Bej / Beige



Silver Stone

Kodlar / Codes

Renk Color	Yüzey Surface	80x80cm 32"x32"	40x80cm 16"x32"	Kaymazlık Slip Resistance
Orijinal Gri Original Grey	Naturel / Natural	GMB-A001	GMB-O001	R9
	Diagonal / Diagonal	GMB-A002	GMB-O002	R9
	Antislip / Antislip	GMB-A003	GMB-O003	R10
	Kaya / Rock	GKB-A001	GKB-O011	R10
	Grip / Grip	GKB-A002	GKB-O012	R10
Antrasit Anthracite	Naturel / Natural	GMB-A004	GMB-O004	R9
	Diagonal / Diagonal	GMB-A005	GMB-O005	R9
	Antislip / Antislip	GMB-A006	GMB-O006	R10
	Kaya / Rock	GKB-A003	GKB-O013	R10
	Grip / Grip	GKB-A004	GKB-O014	R10
Bej Beige	Naturel / Natural	GMB-A007	GMB-O007	R9
	Diagonal / Diagonal	GMB-A008	GMB-O008	R9
	Antislip / Antislip	GMB-A009	GMB-O009	R10
	Kaya / Rock	GKB-A005	GKB-O015	R10
	Grip / Grip	GKB-A006	GKB-O016	R10

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
40x80cm / 16"x32" Naturel / Natural	11	4	1.28	33.48	23	29.44	770.15
80x80cm / 32"x32" Naturel / Natural	11	2	1.28	33.48	40	51.20	1339.39
40x80cm / 16"x32" Diagonal / Diagonal	11	4	1.28	33.48	23	29.44	770.15
80x80cm / 32"x32" Diagonal / Diagonal	11	2	1.28	33.48	40	51.20	1339.39
40x80cm / 16"x32" Antislip / Antislip	11	4	1.28	33.48	23	29.44	770.15
80x80cm / 32"x32" Antislip / Antislip	11	2	1.28	33.48	40	51.20	1339.39
40x80cm / 16"x32" Kaya / Rock	11	4	1.28	33.48	23	29.44	770.15
80x80cm / 32"x32" Kaya / Rock	11	2	1.28	33.48	40	51.20	1339.39
40x80cm / 16"x32" Grip / Grip	11	4	1.28	33.48	23	29.44	770.15
80x80cm / 32"x32" Grip / Grip	11	2	1.28	33.48	40	51.20	1339.39

V3 Renk Ton Farkları
V3 Shade Variation

STROMBOLI



naturel / natural



kaya / rock



parlak / lappato



Beyaz / White

40x80cm / 16"x32"
80x80cm / 32"x32"
80x160cm / 32"x64"



Gümüş / Silver

40x80cm / 16"x32"
80x80cm / 32"x32"
80x160cm / 32"x64"



Gri Natural / Grey Naturel

40x80cm / 16"x32"
80x80cm / 32"x32"
80x160cm / 32"x64"



Kahve Natural / Brown Naturel

40x80cm / 16"x32"
80x80cm / 32"x32"
80x160cm / 32"x64"



Antrasit / Anthracite

40x80cm / 16"x32"
80x80cm / 32"x32"
80x160cm / 32"x64"



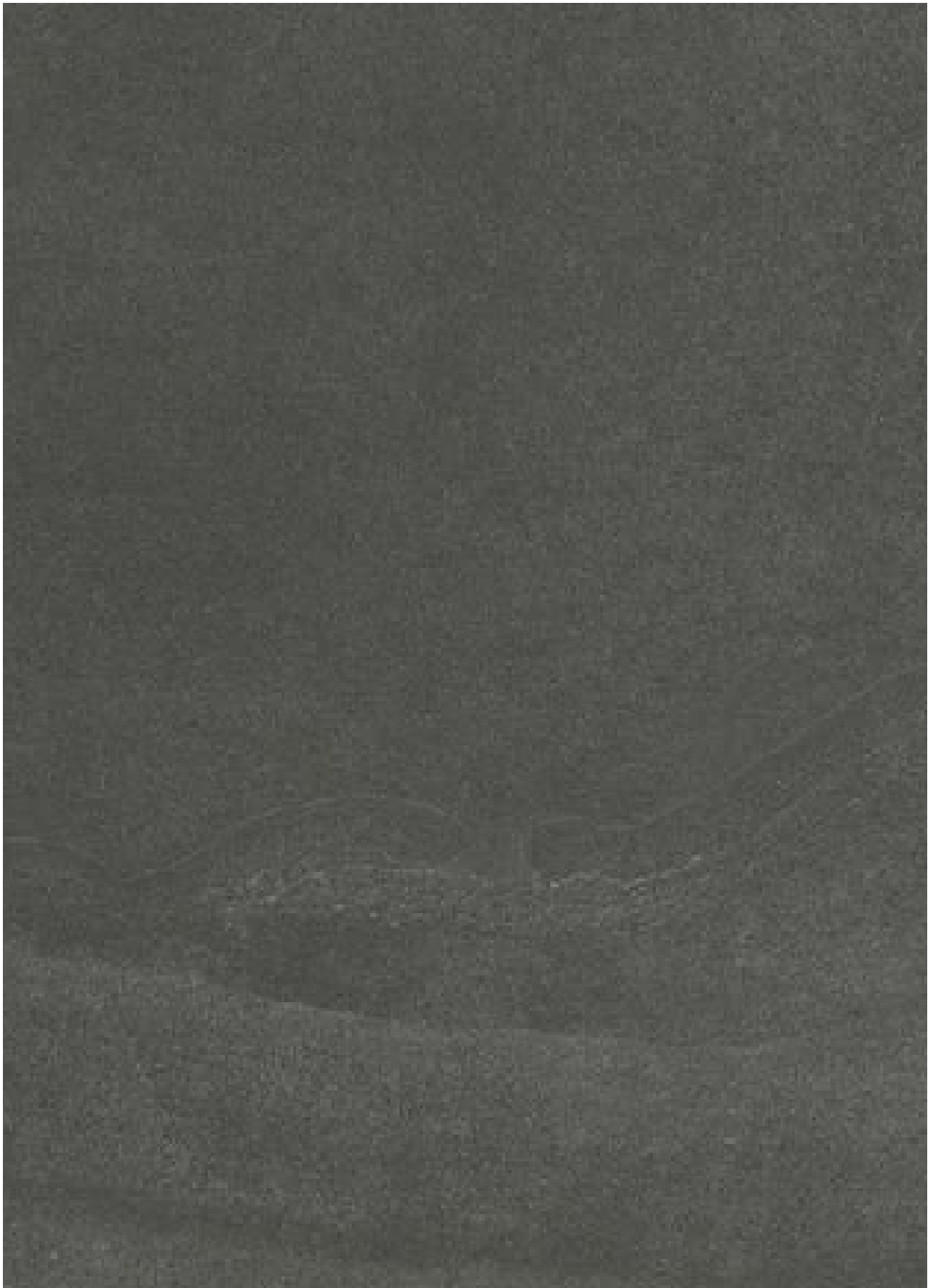
Stromboli

Kodlar / Codes

Renk Color	Yüzey Surface	80x160cm 32"x64"	80x80cm 32"x32"	40x80cm 16"x32"	Kaymazlık Slip Resistance
Beyaz / White	Naturel / Naturel	GMB-E025	GMB-A025	GMB-O025	R9
	Kaya / Rock	GMK-E025	GMK-A025	GMB-O025	R10
	Parlak / Lappato	LGMB-E025	LGMB-A025	LGMB-O025	-
Gri / Grey	Naturel / Naturel	GMB-E026	GMB-A026	GMB-O026	R9
	Kaya / Rock	GMK-E026	GMK-A026	GMB-O026	R10
	Parlak / Lappato	LGMB-E026	LGMB-A026	LGMB-O026	-
Gümüş / Silver	Naturel / Naturel	GMB-E040	GMB-A040	GMB-O064	R9
	Kaya / Rock	GMK-E040	GMK-A040	GMB-O030	R10
	Parlak / Lappato	LGMB-E040	LGMB-A040	LGMB-O030	-
Antrasit / Anthracite	Naturel / Naturel	GMB-E027	GMB-A027	GMB-O063	R9
	Kaya / Rock	GMK-E027	GMK-A027	GMB-O027	R10
	Parlak / Lappato	LGMB-E027	LGMB-A027	LGMB-O027	-
Kahve / Coffee	Naturel / Naturel	GMB-E028	GMB-A028	GMB-O037	R9
	Kaya / Rock	GMK-E028	GMK-A028	GMB-O028	R10
	Parlak / Lappato	LGMB-E028	LGMB-A028	LGMB-O028	-
Bej / Beige	Naturel / Naturel	GMB-E029	GMB-A029	GMB-O062	R9
	Kaya / Rock	GMK-E029	GMK-A029	GMB-O062	R10
	Parlak / Lappato	LGMB-E029	LGMB-A029	LGMB-O029	-

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
40x80cm / 16"x32" Mat / Matte	11	4	1.28	33.48	23	29.44	770.15
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.48	40	51.20	1339.39
80x160cm / 32"x64" Parlak / Lappato	11	1	1.28	33.00	34	43.52	1207.00





antrasit / anthracite

COTTO CEMENTO



mat / matte



Beyaz / White

80x80cm / 32"x32"
80x160cm / 32"x64"



Almond

80x80cm / 32"x32"
80x160cm / 32"x64"



Gri / Grey

80x80cm / 32"x32"
80x160cm / 32"x64"



Antrasit / Anthracite

80x80cm / 32"x32"
80x160cm / 32"x64"



Cotto

80x80cm / 32"x32"
80x160cm / 32"x64"

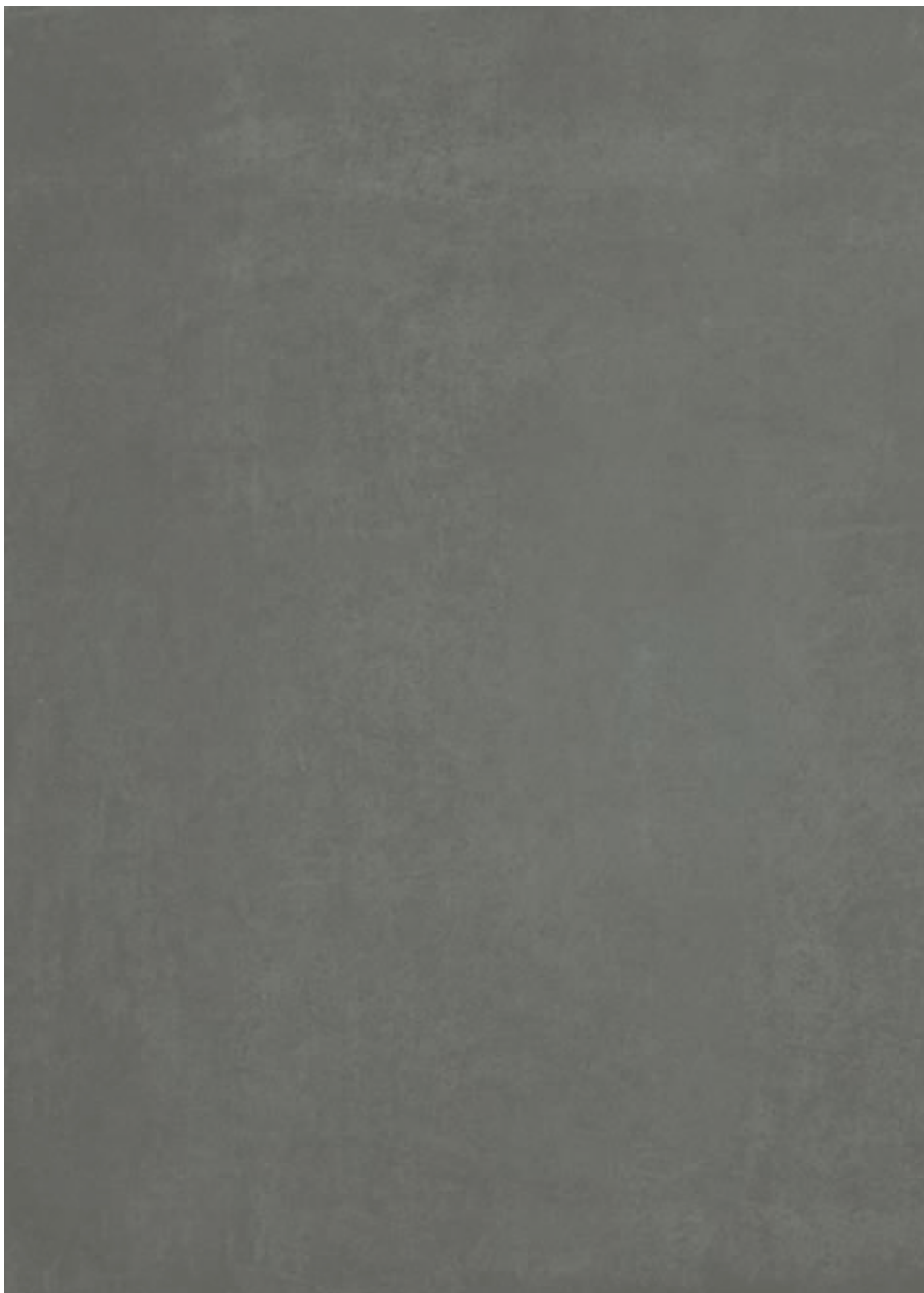


Cotto Cemento

Kodlar / Codes

Renk Color	Yüzey Surface	80x160cm 32"x64"	80x80cm 32"x32"	Kaymazlık Slip Resistance
Beyaz White	Mat Matte	GMB-E024	GMB-A024	R9
Almond	Mat Matte	GMB-E012	GMB-A012	R9
Gri Grey	Mat Matte	GMB-E018	GMB-A018	R9
Antrasit Anthracite	Mat Matte	GMB-E021	GMB-A021	R9
Cotto	Mat Matte	GMB-E015	GMB-A015	R9

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.48	40	51.20	1339.39
80x160cm / 32"x64" Mat / Matte	11	1	1.28	33	34	43.52	1207



gri / grey

MANDARINA





Koyu Gri / Dark Grey

40x80cm / 16"x32"
80x80cm / 32"x32"

Gri / Grey

40x80cm / 16"x32"
80x80cm / 32"x32"

Kum / Sand

40x80cm / 16"x32"
80x80cm / 32"x32"

Gümüş / Silver

40x80cm / 16"x32"
80x80cm / 32"x32"

Beyaz / White

40x80cm / 16"x32"
80x80cm / 32"x32"



Mandarina

Kodlar / Codes

Renk Color	Yüzey Surface	80x80cm 32"x32"	40x80cm 16"x32"	Kaymazlık Slip Resistance
Koyu Gri Dark Grey	Mat Matte	GMB-A030	GMB-O130	R9
Gri Grey	Mat Matte	GMB-A032	GMB-O032	R9
Kum Sand	Mat Matte	GMB-A034	GMB-O034	R9
Gümüş Silver	Mat Matte	GMB-A036	GMB-O036	R9
Beyaz White	Mat Matte	GMB-A038	GMB-O038	R9

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
40x80cm / 16"x32" Mat / Matte	11	4	1.28	33.48	23	29.44	770.15
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.25	40	51.20	1339.39



kum / sand

MATERIA



antrasit parlak / anthracite lappato



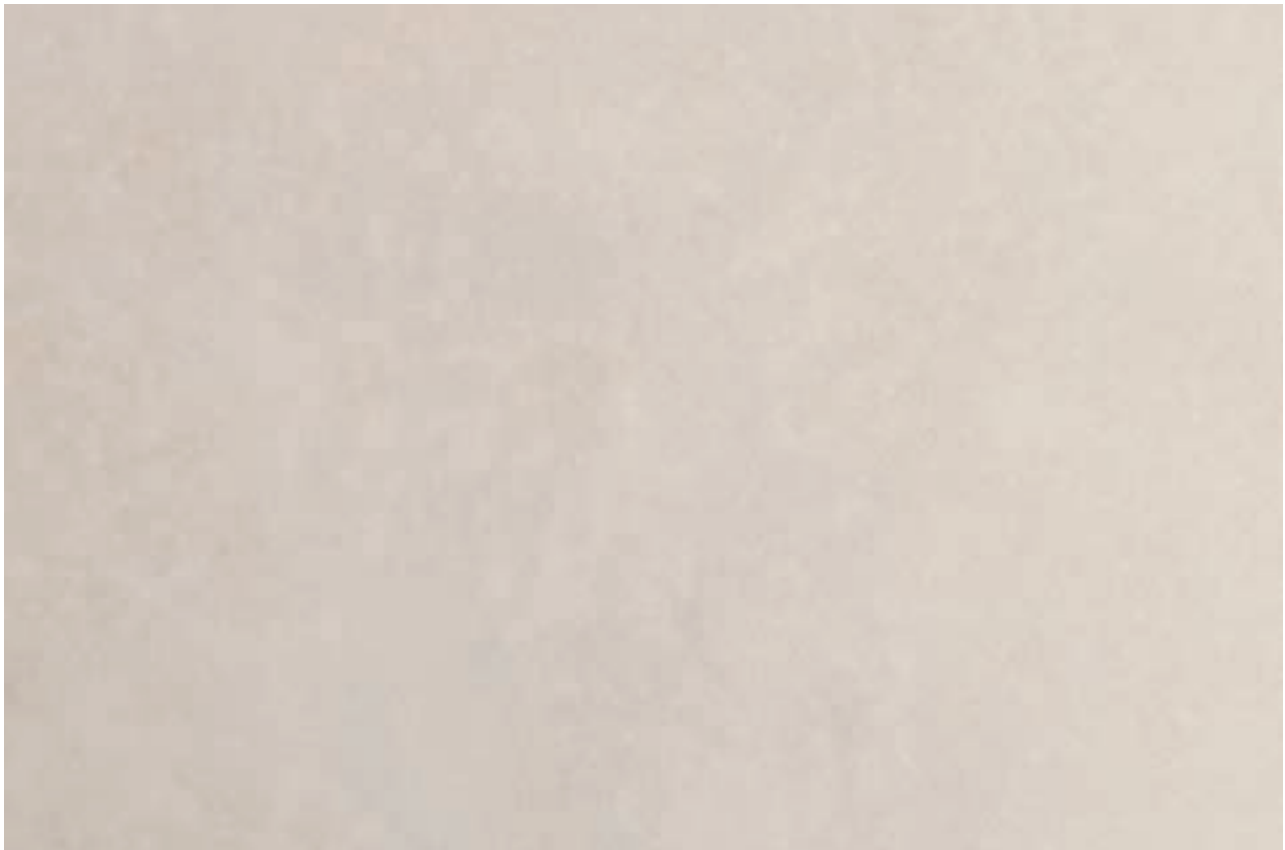
bronze parlak / bronze lappato

**Materia****Kodlar / Codes**

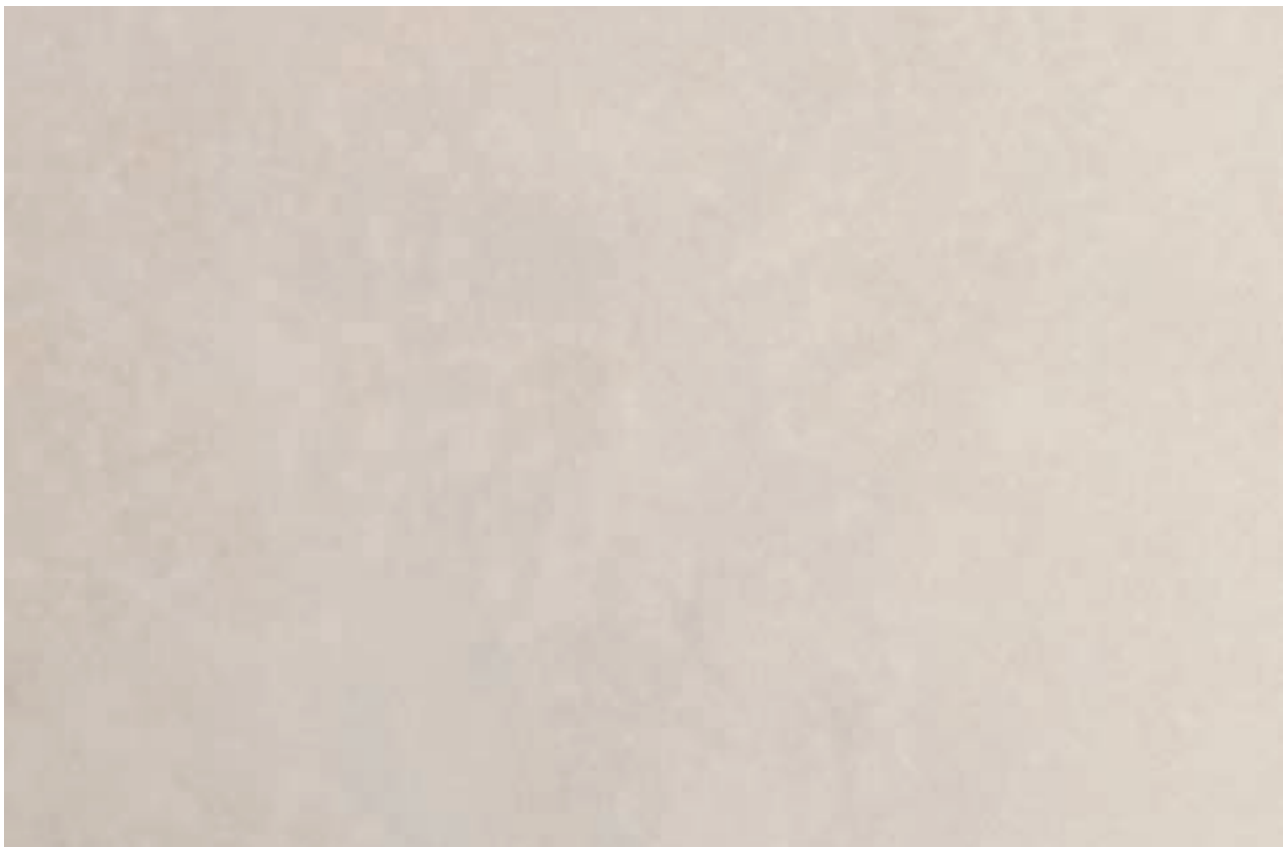
Renk Color	Yüzey Surface	80x160cm 32"x64"	80x80cm 32"x32"	40x80cm 32"x64"	Kaymazlık Slip Resistance	
Antrasit / Anthracite		Parlak / Lappato	LGMB-E041	LGMB-A041	LGMB-O041	-
Bronz / Bronze		Parlak / Lappato	LGMB-E042	LGMB-A041	LGMB-O041	-

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
40x80cm / 16"x32" Parlak / Lappato	11	4	1.28	33.48	23	29.44	770.15
80x80cm / 32"x32" Parlak / Lappato	11	2	1.28	33.25	40	51.20	1339.39
80x160cm / 32"x64" Parlak / Lappato	11	1	1.28	33.00	34	43.52	1207.00

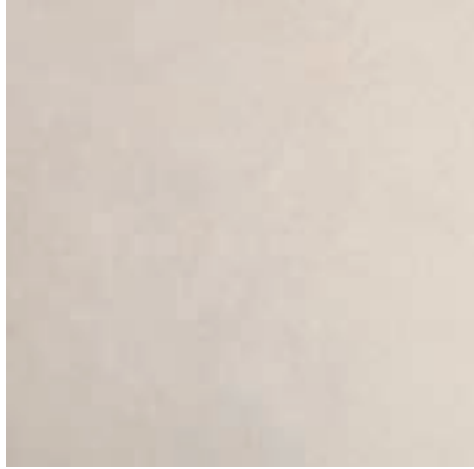
C-STONE



mat / matte



parlak / lappato



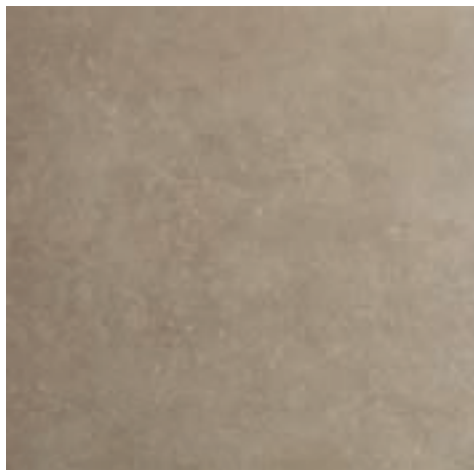
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Beyaz / White



60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Bej / Beige



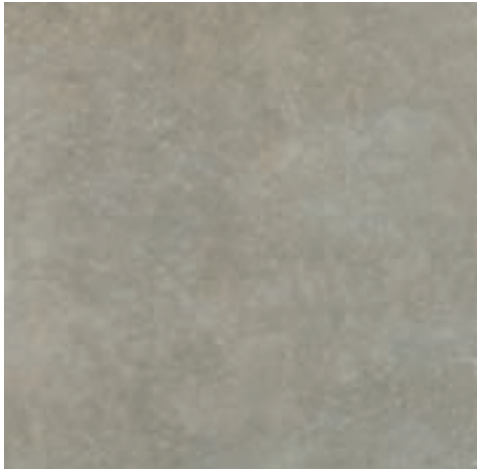
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Açık Kahve / Light Brown



60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Koyu Kahve / Dark Brown



60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Gri / Grey



60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Antrasit / Anthracite



C-Stone

Kodlar / Codes

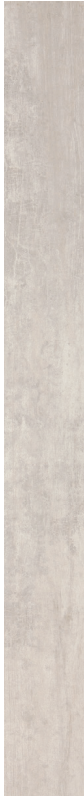
Renk Color	Yüzey Surface	80x160cm 32"x64"	80x80cm 32"x32"	60x120cm 24"x48"	60x60cm 24"x24"	Kaymazlık Slip Resistance
Beyaz / White	Mat / Matte	GMB-E520	GMB-A520	GMB-R520	GMB-U520	R10
	Parlak / Polished	LGMB-E520	LGMB-A520	LGMB-R520	LGMB-U520	R9
Bej / Beige	Mat / Matte	GMB-E521	GMB-A521	GMB-R521	GMB-U523	R10
	Parlak / Polished	LGMB-E521	LGMB-A521	LGMB-R524	LGMB-U523	R9
Açık Kahve / Light Brown	Mat / Matte	GMB-E522	GMB-A522	GMB-R522	GMB-U521	R10
	Parlak / Polished	LGMB-E522	LGMB-A522	LGMB-R522	LGMB-U521	R9
Koyu Kahve / Dark Brown	Mat / Matte	GMB-E524	GMB-A524	GMB-R524	GMB-U524	R10
	Parlak / Polished	LGMB-E524	LGMB-A524	LGMB-R524	LGMB-U524	R9
Gri / Grey	Mat / Matte	GMB-E523	GMB-A522	GMB-R523	GMB-U522	R10
	Parlak / Polished	LGMB-E523	LGMB-A522	LGMB-R522 X LGMB-R523	LGMB-U522	R9
Antrasit / Anthracite	Mat / Matte	GMB-E525	GMB-A525	GMB-R525	GMB-U525	R10
	Parlak / Polished	LGMB-E525	LGMB-A525	LGMB-R525	LGMB-U525	R9

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information				Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg		Kutu / Box	Sqm-Lm	Kg
60x60cm / 24"x24" Mat / Matte	10	4	1.44	33.54		30	43.20	1006.13
60x60cm / 24"x24" Parlak / Polished	10	4	1.44	32.89		28	40.32	920.911
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.48		40	51.20	1339.39
80x80cm / 32"x32" Parlak / Polished	11	2	1.28	33.48		40	51.20	1339.39
60x120cm / 24"x48" Mat / Matte	10	2	1.44	42.68		27	38.88	1152.40
60x120cm / 24"x48" Parlak / Polished	10	2	1.44	38.16		27	38.88	1030.32
80x160cm / 32"x64" Mat / Matte	11	1	1.28	33.00		34	43.52	1207.00
80x160cm / 32"x64" Parlak / Polished	11	1	1.28	33.00		34	43.52	1207.00

C-EXTREME



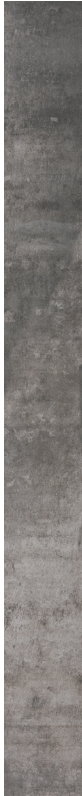
Beyaz S 2002
White S 2002



12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"



Gri S 5502
Grey S 5502



12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"



Antrasit S 7502
Anthracite S 7502



12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"

**C-Extreme****Kodlar / Codes**

Renk Color	Yüzey Surface	12x120cm 4 7/8"x48"	20x120cm 8"x48"	30x120cm 12"x48"	Kaymazlık Slip Resistance
Beyaz S2002 White S2002	 Mat / Matte	GMB-O886	GMB-O880	GMB-O883	R9
Gri S 5502 Grey S 5502	 Mat / Matte	GMB-O887	GMB-O881	GMB-O884	R9
Antrasit S 7502 Anthracite S 7502	 Mat / Matte	GMB-O888	GMB-O882	GMB-O885	R9

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
12x120cm / 4 7/8"x48"	10	5	0.72	16.98	62	44.64	1052.61
20x120cm / 8"x48"	10	3	0.72	16.92	66	47.52	1116.72
30x120cm / 12"x48"	10	2	0.72	16.81	58	41.76	974.97

V3 Renk Ton Farkları
V3 Shade Variation

CEMENT 2.0



mat / matte



kaya yüzeyi / rock surface



Beyaz / White

30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"



Kil / Clay

30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"



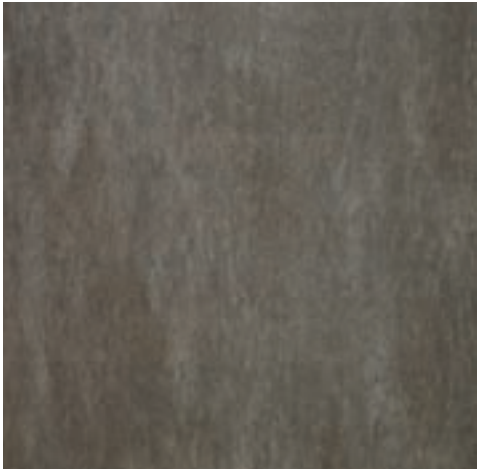
Kum / Sand

30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Toprak / Soil



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Antrasit / Anthracite



Cement 2.0

Kodlar / Codes

Renk Color	Yüzey Surface	80x160cm 32"x64"	80x80cm 32"x32"	60x120cm 24"x48"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance
Beyaz / White	Mat / Matte	GMB-E620	GMB-A620	GMB-R620	GMB-U926	GMB-O995	R9
	Kaya Yüzeyi / Rock Surface	GKB-E620	GKB-A620	GKB-R620	GKB-U901	GKB-O995	R10
Kil / Clay	Mat / Matte	GMB-E621	GMB-A621	GMB-R621	GMB-U927	GMB-O996	R9
	Kaya Yüzeyi / Rock Surface	GKB-E621	GKB-A621	GKB-R621	GKB-U902	GKB-O996	R10
Kum / Sand	Mat / Matte	GMB-E622	GMB-A622	GMB-R622	GMB-U928	GMB-O997	R9
	Kaya Yüzeyi / Rock Surface	GKB-E622	vw GKB-A622	GKB-R622	GKB-U903	vw GKB-O997	R10
Toprak / Soil	Mat / Matte	GMB-E623	GMB-A623	GMB-R623	GMB-U929	GMB-O998	R9
	Kaya Yüzeyi / Rock Surface	GKB-E623	GKB-A623	GKB-R623	GKB-U904	GKB-O998	R10
Antrasit / Anthracite	Mat / Matte	GMB-E624	GMB-A624	GMB-R624	GMB-U930	GMB-O999	R9
	Kaya Yüzeyi / Rock Surface	GKB-E624	GKB-A624	GKB-R624	GKB-U905	GKB-O999	R10

Ebat / Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24" Mat / Matte	10	8	1.44	32.40	32	46.08	1036.80
30x60cm / 12"x24" Kaya Yüzeyi / Rock Surface	10	8	1.44	32.40	32	46.08	1036.80
60x60cm / 24"x24" Mat / Matte	10	4	1.44	33.54	30	43.20	1006.13
60x60cm / 24"x24" Kaya Yüzeyi / Rock Surface	10	4	1.44	33.54	30	43.20	1006.13
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.48	40	51.20	1339.39
80x80cm / 32"x32" Kaya Yüzeyi / Rock Surface	11	2	1.28	33.48	40	51.20	1339.39
60x120cm / 24"x48" Mat / Matte	10	2	1.44	42,84	27	38.88	1156.68
60x120cm / 24"x48" Kaya Yüzeyi / Rock Surface	10	2	1.44	42,84	27	38.88	1156.68
80x160cm / 32"x64" Mat / Matte	11	1	1.28	33.00	34	43.52	1207.00
80x160cm / 32"x64" Kaya Yüzeyi / Rock Surface	11	1	1.28	33.00	34	43.52	1207.00

V3 Renk Ton Farkları
V3 Shade Variation

LUXURY CEMENT

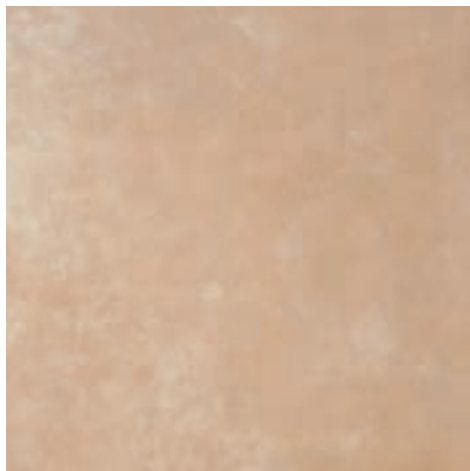


mat / matte



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Krem / Cream



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Bej / Beige



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Hardal / Mustard



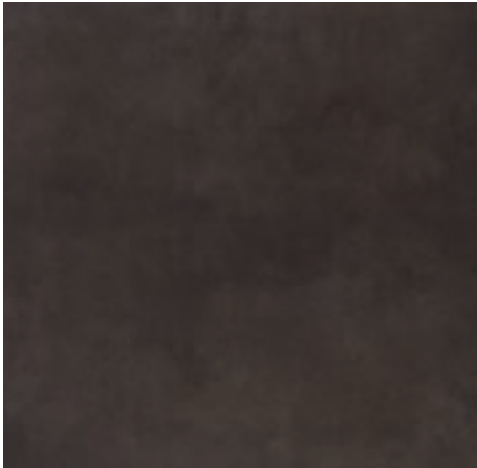
30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Gri / Grey



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Vizon / Mink



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Antrasit / Anthracite



Luxury Cement

Kodlar / Codes

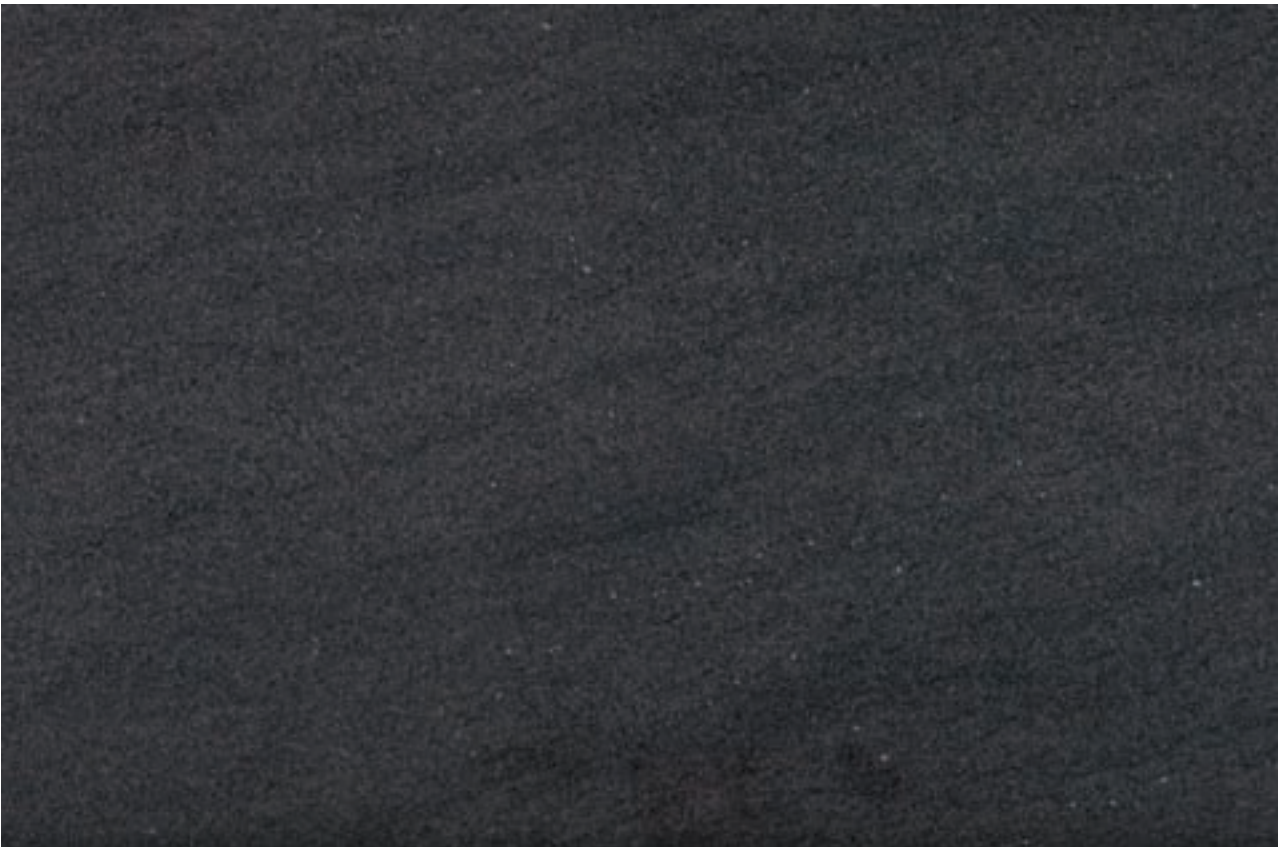
Renk Color	Yüzey Surface	80x160cm 32"x64"	80x80cm 32"x32"	60x120cm 24"x48"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance	
Krem / Cream		Mat / Matte	GMB-E510	GMB-A710	GMB-R710	GMB-U710	GMB-V510	R 9
Bej / Beige		Mat / Matte	GMB-E508	GMB-A708	GMB-R708	GMB-U708	GMB-V508	R 9
Hardal / Mustard		Mat / Matte	GMB-E505	GMB-A705	GMB-R705	GMB-U705	GMB-V505	R 9
Gri / Grey		Mat / Matte	GMB-E507	GMB-A707	GMB-R707	GMB-U707	GMB-V507	R 9
Vizon / Mink		Mat / Matte	GMB-E506	GMB-A706	GMB-R706	GMB-U706	GMB-V506	R 9
Antrasit / Anthracite		Mat / Matte	GMB-E509	GMB-A709	GMB-R709	GMB-U709	GMB-V509	R 9

Ebat / Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24" Mat / Matte	10	8	1.44	32.40	32	46.08	1036.80
60x60cm / 24"x24" Mat / Matte	10	4	1.44	33.54	30	43.20	1006.13
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.48	40	51.20	1339.39
60x120cm / 24"x48" Mat / Matte	10	2	1.44	42.84	27	38.88	1156.68
80x160cm / 32"x64" Mat / Matte	11	1	1.28	33.00	34	43.52	1207.00

VESTA



mat / matte



parlak / lappato



30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Bej / Beige



30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Kum / Sand



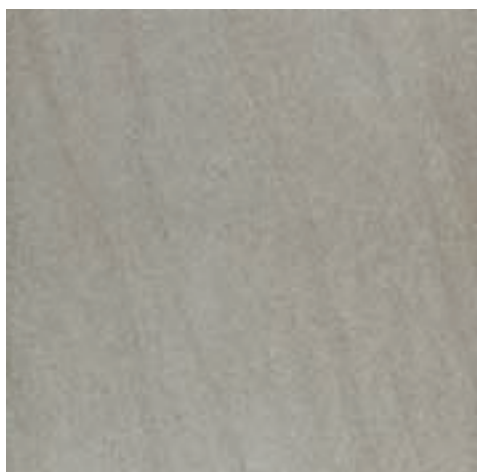
30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Moka / Mocha



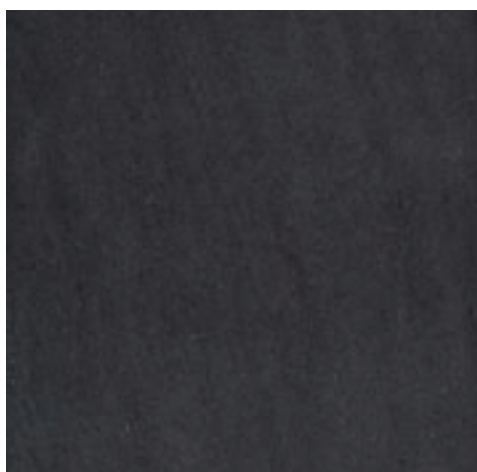
30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Beyaz / White



30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Gri / Grey



30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Antrasit / Anthracite

**Vesta****Kodlar / Codes**

Renk Color	Yüzey Surface	60x120cm 24"x48"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance
Bej / Beige	Mat / Matte	GMB-R733	GMB-U202	GMB-V202	R10
	Parlak / Lappato	LGMB-R102	LGMB-U202	LGMB-V202	R9
Kum / Sand	Mat / Matte	GMB-R734	GMB-U203	GMB-V203	R10
	Parlak / Lappato	LGMB-R103	LGMB-U203	LGMB-V203	R9
Moka / Mocha	Mat / Matte	GMB-R729	GMB-U206	GMB-V206	R10
	Parlak / Lappato	LGMB-R106	LGMB-U206	LGMB-V206	R9
Beyaz / White	Mat / Matte	GMB-R732	GMB-U201	GMB-V201	R10
	Parlak / Lappato	LGMB-R101	LGMB-U201	LGMB-V201	R9
Gri / Grey	Mat / Matte	GMB-R735	GMB-U204	GMB-V204	R10
	Parlak / Lappato	LGMB-R104	LGMB-U204	LGMB-V204	R9
Antrasit / Anthracite	Mat / Matte	GMB-R736	GMB-U205	GMB-V205	R10
	Parlak / Lappato	LGMB-R105	LGMB-U205	LGMB-V205	R9

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24" Mat / Matte	10	8	1.44	32.40	32	46.08	1036.80
30x60cm / 12"x24" Parlak / Lappato	10	8	1.44	32.40	32	46.08	1036.80
60x60cm / 24"x24" Mat / Matte	10	4	1.44	33.54	30	43.20	1006.13
60x60cm / 24"x24" Parlak / Lappato	10	4	1.44	32.89	28	42.32	920.91
60x120cm / 24"x48" Mat / Matte	10	2	1.44	42.84	27	38.88	1156.68
60x120cm / 24"x48" Parlak / Lappato	10	2	1.44	38.16	27	38.88	1030.32

İKON / ICON



mat / matte



parlak / lappato



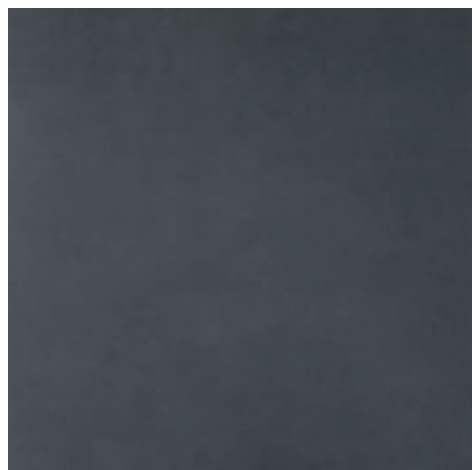
Krem / Cream

30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"



Gri / Grey

30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"



Antrasit / Anthracite

30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Bej / Beige



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Noce



İkon / Icon

Kodlar / Codes

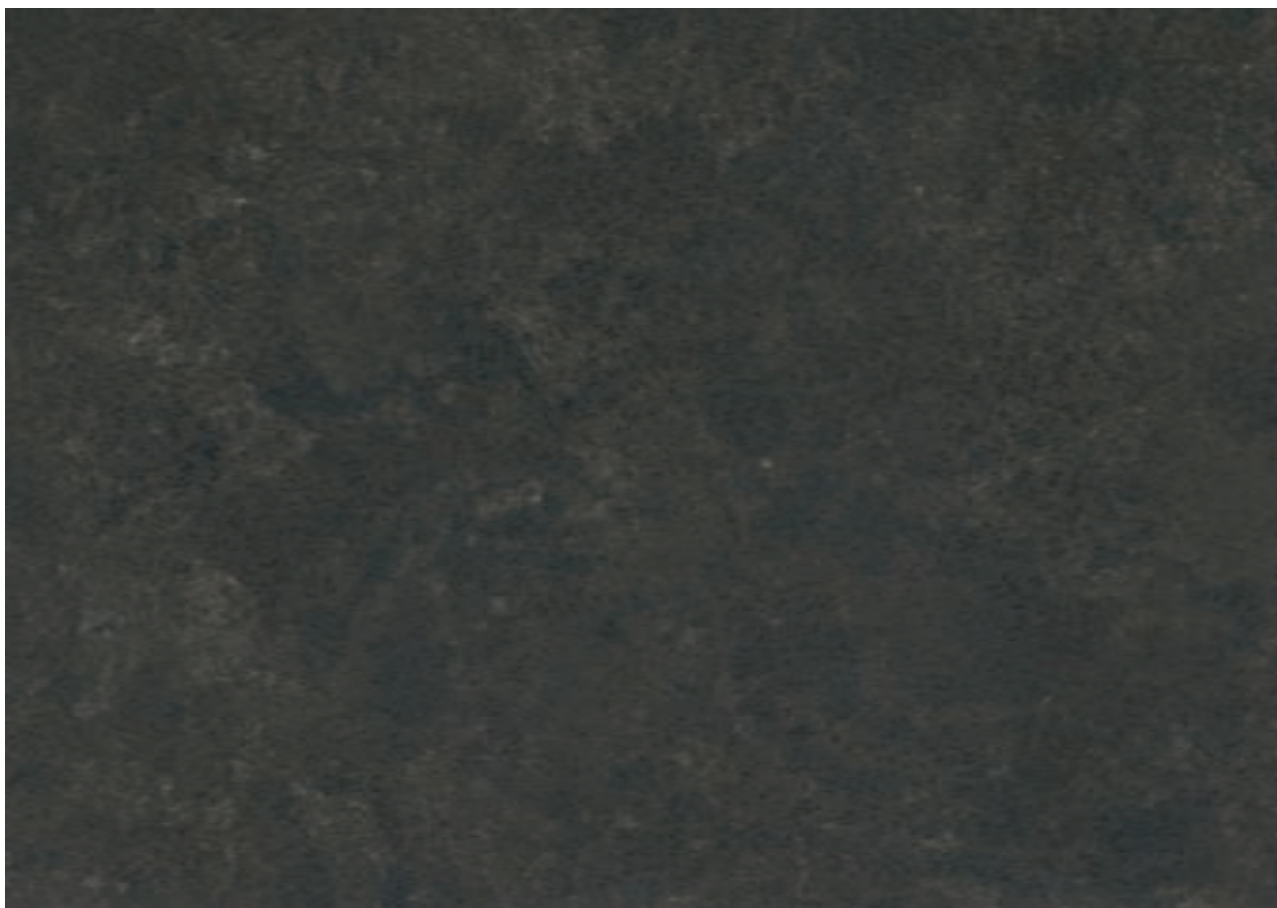
Renk Color	Yüzey Surface	80x160cm 32"x64"	80x80cm 32"x32"	60x120cm 24"x48"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance
Krem / Cream	Mat / Matte	GMB-E750	GMB-A750	GMB-R750	GMB-U216	GMB-V216	R9
	Parlak / Polished	LGMB-E216	LGMB-A216	LGMB-U216	LGMB-U216	LGMB-V216	-
Gri / Grey	Mat / Matte	GMB-E751	GMB-A751	GMB-R751	GMB-U217	GMB-V217	R9
	Parlak / Polished	LGMB-E217	LGMB-A217	LGMB-U217	LGMB-U217	LGMB-V217	-
Antrasit / Anthracite	Mat / Matte	GMB-E752	GMB-A752	GMB-R752	GMB-U218	GMB-V218	R9
	Parlak / Polished	LGMB-E218	LGMB-A218	LGMB-U218	LGMB-U218	LGMB-V218	-
Bej / Beige	Mat / Matte	GMB-E728	GMB-A728	GMB-R728	GMB-U220	GMB-V220	R9
	Parlak / Polished	LGMB-E220	LGMB-A220	LGMB-U220	LGMB-U220	LGMB-V220	-
Noce	Mat / Matte	GMB-E753	GMB-A753	GMB-R753	GMB-U221	GMB-V221	R9
	Parlak / Polished	LGMB-E221	LGMB-A221	LGMB-U221	LGMB-U221	LGMB-V221	-

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24" Mat / Matte	10	8	1.44	32.40	32	46.08	1036.80
30x60cm / 12"x24" Parlak / Lappato	10	8	1.44	32.40	32	46.08	1036.80
60x60cm / 24"x24" Mat / Matte	10	4	1.44	33.54	30	43.20	1006.13
60x60cm / 24"x24" Parlak / Lappato	10	4	1.44	34.85	30	43.20	1045.44
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.48	40	51.20	1339.39
80x80cm / 32"x32" Parlak / Polished	11	2	1.28	33.48	40	51.20	1339.39
60x120cm / 24"x48" Mat / Matte	10	2	1.44	42.84	27	38.88	1156.68
60x120cm / 24"x48" Parlak / Lappato	10	2	1.44	88.16	27	38.88	1030.32
80x160cm / 32"x64" Mat / Matte	11	1	1.28	33.00	34	43.52	1207.00
80x160cm / 32"x64" Parlak / Polished	11	1	1.28	33.00	34	43.52	1207.00

PIETRA ANTIQUE



mat / matte



parlak / lappato



30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Beyaz / White



30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Cappuccino / Cappuccino



30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Gri / Grey



30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Antrasit / Anthracite



Pietra Antique

Kodlar / Codes

Renk Color	Yüzey Surface	60x120cm 24"x48"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance
Beyaz White	Mat / Matte	GMB-R133	GMB-U133	GMB-V133	R9
	Parlak / Lappato	LGMB-R134	LGMB-U134	LGMB-V134	-
Gri Grey	Mat / Matte	GMB-R129	GMB-U129	GMB-V129	R9
	Parlak / Lappato	LGMB-R130	LGMB-U130	LGMB-V130	-
Cappuccino Cappuccino	Mat / Matte	GMB-R125	GMB-U125	GMB-V125	R9
	Parlak / Lappato	LGMB-R126	LGMB-U126	LGMB-V126	-
Antrasit Anthracite	Mat / Matte	GMB-R121	GMB-U121	GMB-V121	R9
	Parlak / Lappato	LGMB-R122	LGMB-U122	LGMB-V122	-

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24" Mat / Matte	10	8	1.44	33.54	32	46.08	1073.20
30x60cm / 12"x24" Parlak /Lappato	10	8	1.44	33.54	32	46.08	1073.20
60x60cm / 24"x24" Mat / Matte	10	4	1.44	33.54	30	43.20	1006.13
60x60cm / 24"x24" Parlak /Lappato	10	4	1.44	33.54	30	43.20	1006.13
60x120cm / 24"x48" Mat / Matte	10	2	1.44	42.84	27	38.88	1156.68
60x120cm / 24"x48" Parlak /Lappato	10	2	1.44	38.16	27	38.88	1030.32

NATURAL STONES & MARBLES



saten / satin



mat / matte

BEYAZ / WHITE



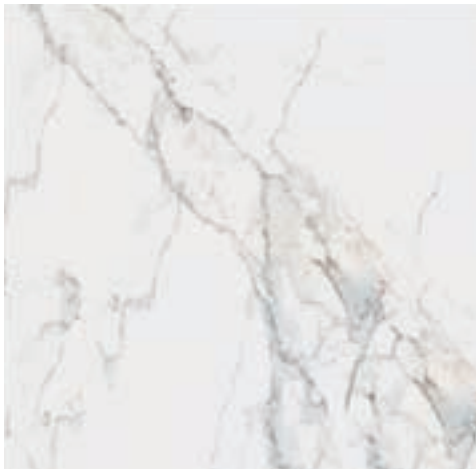
Brera White

30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"



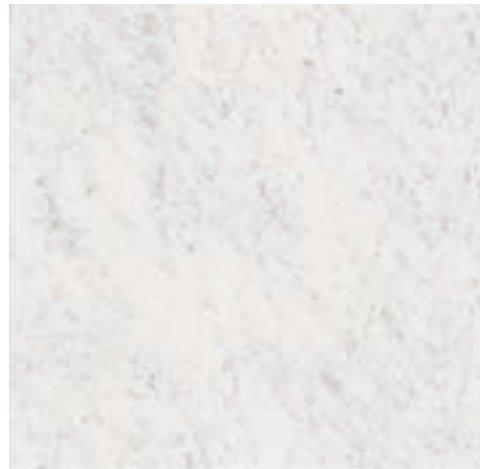
Limestone

60x60cm / 24"x24"



Calacatta

60x60cm / 24"x24"



Carrara

60x60cm / 24"x24"



Zabrino

60x60cm / 24"x24"

BEJ / BEIGE



Brera Creme

30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"



Travertino Classico

60x60cm / 24"x24"
60x120cm / 24"x48"



Crema Marfil

60x60cm / 24"x24"



Leccese Light Sand

30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

GRİ / GREY



Leccese Dark Sand

30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"



Leccese Dark Sand

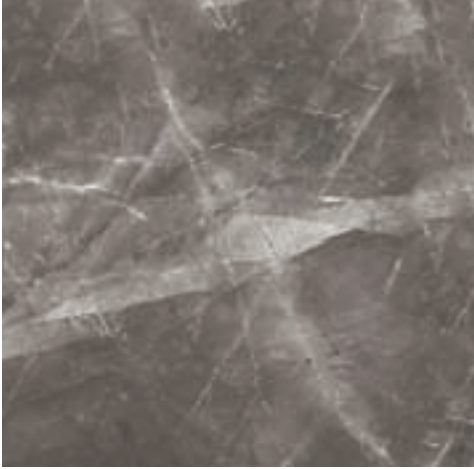
30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"



Pietra Grey

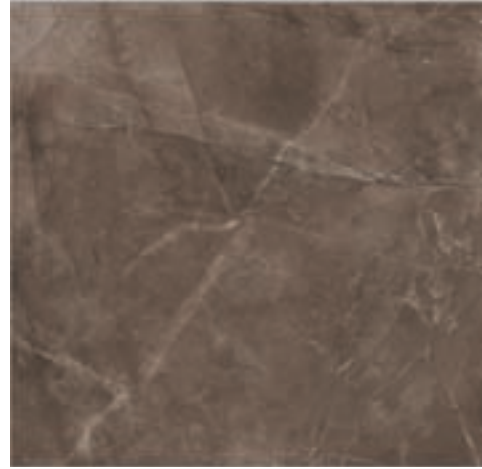
30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

KAHVE / BROWN



Bronze Amani

60x60cm / 24"x24"
60x120cm / 24"x48"



Pulpis

60x60cm / 24"x24"
60x120cm / 24"x48"



Eramosa

60x60cm / 24"x24"



Travertino Noce

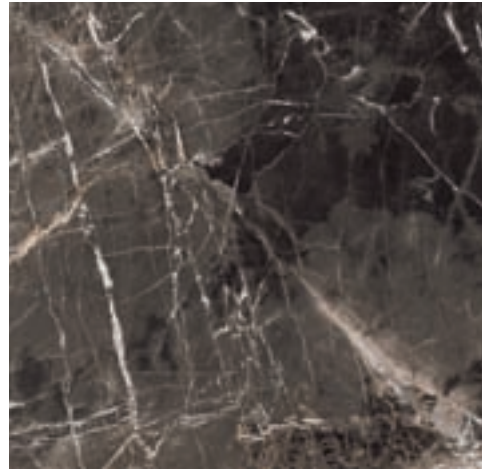
60x60cm / 24"x24"
60x120cm / 24"x48"

SİYAH / BLACK



Pietra Blue

30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"



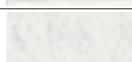
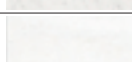
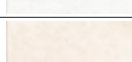
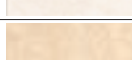
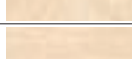
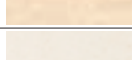
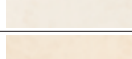
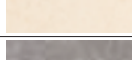
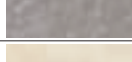
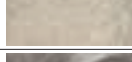
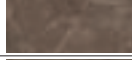
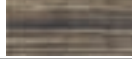
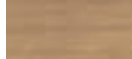
Mocha Perla

60x60cm / 24"x24"
60x120cm / 24"x48"



Natural Stones & Marbles

Kodlar / Codes

Renk Color		Yüzey Surface	60x120cm 24"x48"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance
Calacatta		Mat / Matte	-	GMB-U932	-	R9
Zebrino		Mat / Matte	-	GMB-U933	-	R9
Carrara		Mat / Matte	-	GMB-U934	-	R9
Limestone		Mat / Matte	-	GMB-U935	-	R9
Brera White		Mat / Matte	GMB-R659	GMB-U936	GMB-V550	R9
Crema Marfil		Mat / Matte	-	GMB-U937	-	R9
Travertino Classico		Mat / Matte	GMB-R660	GMB-U938	-	R9
Brera Creme		Mat / Matte	GMB-R53	GMB-U889	GMB-V889	R9
Leccese Light Sand		Mat / Matte	GMB-R656	GMB-U892	GMB-V892	R9
Pietra Grey		Mat / Matte	GMB-B891	GMB-U891	GMB-V891	R9
Leccese Grey		Mat / Matte	GMB-R655	GMB-U894	GMB-V894	R9
Leccese Dark Sand		Mat / Matte	GMB-R657	GMB-U893	GMB-V893	R9
Bronze Amani		Mat / Matte	GMB-R662	GMB-U939	-	R9
Pulpis		Mat / Matte	GMB-R558	GMB-U940	-	R9
Eramosa		Mat / Matte		GMB-U941		R9
Travertino Noce		Mat / Matte	GMB-R663	GMB-U942	-	R9
Mocha Perla		Mat / Matte	-	GMB-U943	-	R9
Pietra Blue		Mat / Matte	GMB-R654	GMB-U890	GMB-V890	R9

Ebat / Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24"	10	8	1.44	32.40	32	46.08	1036.80
60x60cm / 24"x24"	10	4	1.44	32.73	30	43.20	981.94
60x120cm / 24"x48"	10	2	1.44	42.84	27	38.80	1156.68



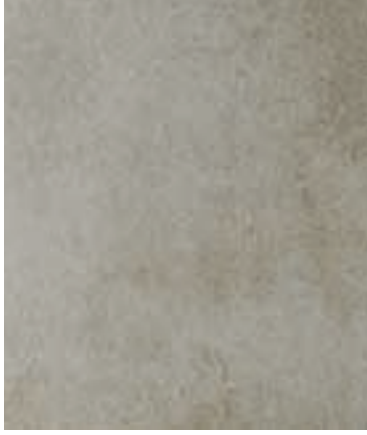
V3 Renk Ton Farkları
V3 Shade Variation



GARDEN



mat / matte

Bej /
Beige

30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Gri Bej /
Grey Beige

30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"

Koyu Gri /
Dark Grey

30x60cm / 12"x24"
60x60cm / 24"x24"
60x120cm / 24"x48"



Garden

Kodlar / Codes

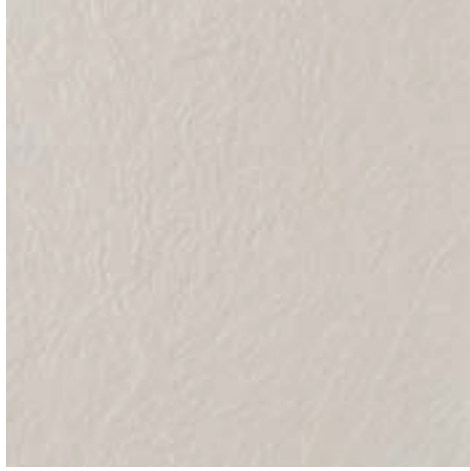
Renk Color	Yüzey Surface	60x120cm 24"x48"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance
Bej / Beige	Mat / Matte	GMB-R650	GMB-U876	GMB-O876	R11
Gri Bej / Grey Beige	Mat / Matte	GMB-R651	GMB-U877	GMB-O877	R11
Koyu Gri / Dark Grey	Mat / Matte	GMB-R652	GMB-U878	GMB-O878	R11

Ebat / Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24"	10	8	1.44	32.89	32	46.08	1052.47
60x60cm / 24"x24"	10	4	1.44	33.54	30	43.20	1006.13
60x120cm / 24"x48"	10	2	1.44	42.84	27	38.88	1156.68

HERAKLIA



mat / matte



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Beyaz / White



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Bej / Beige



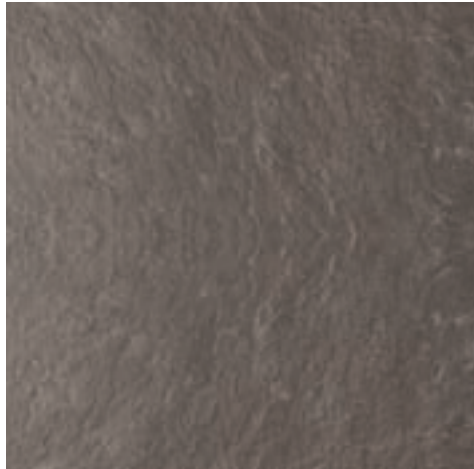
30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Kahve / Brown



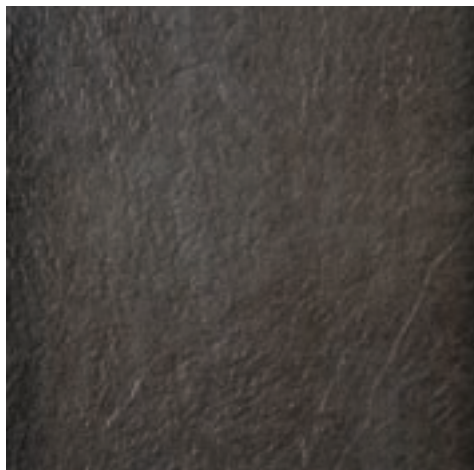
30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Gri / Grey



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Koyu Gri / Dark Grey



30x60cm / 12"x24"
60x60cm / 24"x24"
80x80cm / 32"x32"
60x120cm / 24"x48"
80x160cm / 32"x64"

Siyah / Black



Heraklia

Kodlar / Codes

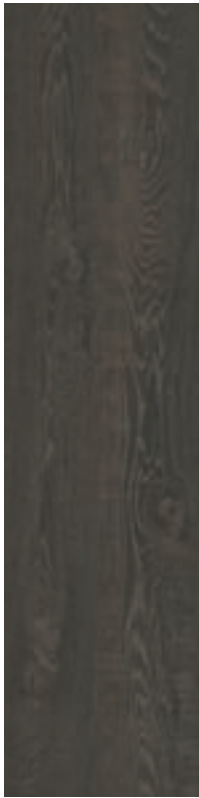
Renk Color	Yüzey Surface	80x160cm 32"x64"	80x80cm 32"x32"	60x120cm 24"x48"	60x60cm 24"x24"	30x60cm 12"x24"	Kaymazlık Slip Resistance
Beyaz / White	Mat / Matte	GMK-E137	GMK-A137	GMK-R137	GMK-U137	GMK-V137	R11
Bej / Beige	Mat / Matte	GMK-E131	GMK-A131	GMK-R131	GMK-U131	GMK-V131	R11
Kahve / Brown	Mat / Matte	GMK-E133	GMK-A133	GMK-R133	GMK-U133	GMK-V133	R11
Gri / Grey	Mat / Matte	GMK-E134	GMK-A134	GMK-R134	GMK-U134	GMK-V134	R11
Koyu Gri / Dark Grey	Mat / Matte	GMK-E135	GMK-A135	GMK-R135	GMK-U135	GMK-V135	R11
Siyah / Black	Mat / Matte	GMK-E138	GMK-A138	GMK-R138	GMK-U138	GMK-V138	R11

Ebat / Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
30x60cm / 12"x24" Mat / Matte	10	8	1.44	32.40	32	46.08	1036.80
60x60cm / 24"x24" Mat / Matte	10	4	1.44	29.53	30	43.20	886.03
80x80cm / 32"x32" Mat / Matte	11	2	1.28	33.48	40	51.20	1339.39
60x120cm / 24"x48" Mat / Matte	10	2	1.44	42.84	27	38.88	1156.68
80x160cm / 32"x64" Mat / Matte	11	1	1.28	33.00	34	43.52	1207.00

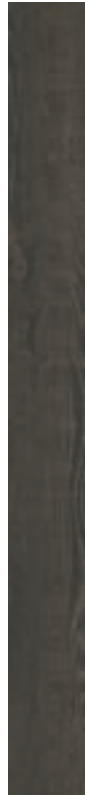
ANTIQUE WOOD



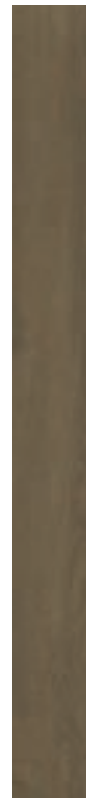
mat / matte



Smoke Venge
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"



Chocolate Walnut
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"





Royal Oak
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"





Antique Wood

Kodlar / Codes

Renk Color	Yüzey Surface	12x120cm 4 7/8"x48"	20x120cm 8"x48"	30x120cm 12"x48"	Kaymazlık Slip Resistance
Smoke Venge	 Mat Matte	GMB-O081	GMB-O082	GMB-O083	R9
Chocolate Walnut	 Mat Matte	GMB-O087	GMB-O088	GMB-O089	R9
Royal Oak	 Mat Matte	GMB-O084	GMB-O085	GMB-O086	R9

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
12x120cm / 4 7/8"x48"	10	5	0.72	16.98	62	44.64	1052.61
20x120cm / 8"x48"	10	3	0.72	16.92	66	47.52	1116.72
30x120cm / 12"x48"	10	2	0.72	16.81	58	41.76	974.97

V3 Renk Ton Farkları
V3 Shade Variation

MADERA



mat / matte



Albus
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"



Honey
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"





Nogal
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"



Rovere
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"



Mogano
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"





Madera

Kodlar / Codes

Renk Color	Yüzey Surface	12x120cm 4 7/8"x48"	20x120cm 8"x48"	30x120cm 12"x48"	Kaymazlık Slip Resistance
Albus	Mat / Matte	GMB-O076	GMB-O071	GMB-O066	R10
Honey	Mat / Matte	GMB-O077	GMB-O072	GMB-O067	R10
Nogal	Mat / Matte	GMB-O080	GMB-O075	GMB-O070	R10
Rovere	Mat / Matte	GMB-O078	GMB-O073	GMB-O068	R10
Mogano	Mat / Matte	GMB-O079	GMB-O074	GMB-O069	R10

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
12x120cm / 4 7/8"x48"	10	5	0.72	16.98	62	44.64	1052.61
20x120cm / 8"x48"	10	3	0.72	16.92	66	47.52	1116.72
30x120cm / 12"x48"	10	2	0.72	16.81	58	41.76	974.97



V3 Renk Ton Farkları
V3 Shade Variation



SOFT WOOD



mat / matte



Beyaz / White
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"



Bej / Beige
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"





Kahve / Brown
12x120cm / 4 7/8"x48"
20x120cm / 8"x48"
30x120cm / 12"x48"



Softwood

Kodlar / Codes

Renk Color	Yüzey Surface	12x120cm 4 7/8"x48"	20x120cm 8"x48"	30x120cm 12"x48"	Kaymazlık Slip Resistance
Beyaz White	 Mat Matte	GMB-O696	GMB-O693	GMB-O690	R9
Bej Beige	 Mat Matte	GMB-O697	GMB-O694	GMB-O691	R9
Kahve Brown	 Mat Matte	GMB-O698	GMB-O695	GMB-O692	R9

Ebat Size	Kalınlık mm Thickness	Kutu Bilgileri / Box Information			Palet Bilgileri / Pallet Information		
		Kutu / Box	Sqm-Lm	Kg	Kutu / Box	Sqm-Lm	Kg
12x120cm / 4 7/8"x48"	10	5	0.72	16.98	62	44.64	1052.61
20x120cm / 8"x48"	10	3	0.72	16.92	66	47.52	1116.72
30x120cm / 12"x48"	10	2	0.72	16.81	58	41.76	974.97

V3 Renk Ton Farkları
V3 Shade Variation

Gizli Sistem

Invisible System

UYGULAMA ALANLARI

- Çok katlı binaların dış cephelerinde.

UYGULAMA YÖNTEMİ

- Porselen karoda minimum kesim sağlayacak yerleşim projesinin çizilmesi.
- Projeye uygun olarak, bina yüzeyinden yaklaşık 15cm uzaklıkta, düşey profiller üzerine sabitlenen yatay askı profiller ile alüminyum alt konstrüksiyonun oluşturulması.
- Porselen karoların arkalarına açılan kırılganç kuyruğu şeklindeki kanallara geçen alüminyum klipsler ile yatay profiller üzerine 4 – 8mm derz ile asılması.

ISI YALITIM

- İstenildiği takdirde, bina yüzeyi ile porselen karo arasında ekstrüde polistren köpük veya camtülü kaplı taşyünü ile ısı yalıtımı uygulaması yapılması.

KULLANILAN PORSELEN KARO EBATLARI

- 60x60, 60x120, 80x80, 80x160cm

SİSTEM AĞIRLIĞI

- Seramik ağırlığı (23,50 – 26,50 kg/m²)
- Konstrüksiyon ağırlığı (4 – 6 kg /m²)

APPLICATION AREAS

- The facade of the high buildings.

APPLICATION METHOD

- Drawing architectural facade project to obtain suitable porcelain tile application.
- Preparing aluminium subconstruction at approximately 15cm from the facade, using horizontal profiles that are fixed to the vertical profiles according to the architectural project.
- Hanging the tiles sparing 4 - 8mm grouts, on horizontal profiles by using aluminium clips located inside the channels that are opened behind the porcelain tiles.

HEAT INSULATION

- Applying heat insulation by using XPS or rockwool between surface of the building and the porcelain tile, if needed.

PORCELAIN TILE DIMENSIONS FOR INVISIBLE SYSTEM

- 24"x24", 24"x48", 32"x32", 32"x64"

WEIGHT OF THE SYSTEM

- Tile weight (23,50 - 26,50 kg/m²)
- Construction weight (4 - 6 kg/m²)





Akfırat Kültür Merkezi, Tuzla / İstanbul — 60x120cm Heraklia Stone Bej / Gizli Sistem
Akfırat Cultural Center, Tuzla / İstanbul — 24"x48" Heraklia Stone Beige / Invisible System
Mimar : Geyran Mimarlık — Architect : Geyran Architectural Office



Klipsli Sistem

Clips System

UYGULAMA ALANLARI

- Çok katlı binaların dış cephelerinde.

UYGULAMA YÖNTEMİ

- Porselen karoda minimum kesim sağlayacak yerleşim projesinin çizilmesi.
- Projeye uygun olarak, bina yüzeyinden yaklaşık 10cm uzaklıkta, düşey akslar halinde alüminyum alt konstrüksiyonun oluşturulması.
- Porselen karoların, paslanmaz çelik klipsler ile düşey profiller üzerine 4 – 8mm derz ile asılması.

ISI YALITIMI

- İstenildiği takdirde, bina yüzeyi ile porselen karo arasında ekstrüde polistren köpük veya camtülü kaplı taşyünü ile ısı yalıtımı uygulaması yapılması.

KULLANILAN PORSELEN KARO EBATLARI

- 30x60, 60x60, 60x120, 80x80, 80x160cm

SİSTEM AĞIRLIĞI

- Seramik ağırlığı (20 – 26,50 kg/m²)
- Konstrüksiyon ağırlığı (4 – 5 kg/m²)

APPLICATION AREAS

- The facade of the high buildings.

APPLICATION METHOD

- Drawing architectural facade project to obtain suitable tile application.
- Preparing vertical aluminium subconstruction at approximately 10cm from the facade according to the architectural project.
- Hanging the tiles sparing 4 - 8mm grouts, on vertical profiles by using stainless steel clips.

HEAT INSULATION

- Applying heat insulation by using XPS or rockwool between surface of the building and the porcelain tile, if needed.

PORCELAIN TILE DIMENSIONS FOR CLIPS SYSTEM

- 18"x24", 24"x24", 24"x48", 32"x32", 32"x64"

WEIGHT OF THE SYSTEM

- Tile weight (20 – 26,50 kg/m²)
- Construction weight (4 -5 kg/m²)





Ekşinar Konakları Florya / İstanbul — 60x120cm Heraklia Stone Beyaz, 60x120cm Heraklia Stone Gri, 60x120cm Heraklia Stone Koyu Gri / Klipsli Sistem
Ekşinar Residence Florya / İstanbul — 24"x48" Heraklia Stone White, 24"x48" Heraklia Stone Grey, 24"x48" Heraklia Stone Dark Grey / Clips System
Mimar : SPDO Mimarlık — Architect : SPDO Architectural



Konstrüksiyona Yapıştırma Sistem

Adhesion System on Construction

UYGULAMA ALANLARI

- Az katlı binaların dış cephelerinde (en fazla 15 metre).
- Havalimanı, metro istasyonu, alışveriş merkezi vb. iç duvar kaplamalarında.

UYGULAMA YÖNTEMİ

- Porselen karoda minimum kesim sağlayacak yerleşim projesinin çizilmesi.
- Projeye uygun olarak, bina yüzeyinden yaklaşık 10cm uzaklıkta, düşey akslar halinde alüminyum alt konstrüksiyonun oluşturulması.
- Porselen karoların, poliüretan esaslı yapıştırıcılar ile düşey T profiller üzerine 4 -8mm derz ile yapıştırılması.

ISI YALITIMI

- İstenildiği takdirde, bina yüzeyi ile porselen karo arasında XPS veya camtülü kaplı taşyünü ile ısı yalıtımı uygulaması yapılması.

KULLANILAN PORSELEN KARO EBATLARI

- 30x60, 60x60, 60x120, 80x80, 80x160cm

SİSTEM AĞIRLIĞI

- Seramik ağırlığı (20 – 26,50 kg /m²)
- Konstrüksiyon ağırlığı (3 – 4 kg /m²)

APPLICATION AREAS

- The facade of the low buildings (maximum 15 meters).

APPLICATION METHOD

- Drawing architectural facade project to obtain suitable tile application.
- Preparing vertical aluminium subconstruction at approximately 10cm from the facade according to the architectural project.
- Installing the tiles sparing 4 -8mm grouts by using poliüretan adhesives on the surface of the T profiles.

HEAT INSULATION

- Applying heat insulation by using XPS or rockwool between surface of the building and the porcelain tile, if needed.

PORCELAIN TILE DIMENSIONS FOR ADHESION SYSTEM ON CONSTRUCTION

- 18"x24", 24"x24", 24"x48", 32"x32", 32"x64"

WEIGHT OF THE SYSTEM

- Tile weight (20 – 26,50 kg/m²)
- Construction weight (3 – 4 kg/m²)





Crystal Park Konutları, Pendik / İstanbul — 30x120cm Heraklia Stone Bej / Konstrüksiyona Yapıştırma Sistem
Crystal Park Residence, Pendik / İstanbul — 12"x48" Heraklia Stone Beige / Adhesion System on Construction
Mimar : Uras X Dilekçi Mimarlık — Architect : Uras X Dilekçi Architectural Office



Yapıştırma Sistem

Adhesion System

UYGULAMA ALANLARI

— En fazla 30 metre yüksekliğindeki binaların dış cephelerinde.

UYGULAMA YÖNTEMİ

— Bina yüzeyi üzerinde, kireç katılmaksızın çimento esaslı kaba sıva ile şakülünde düzlem oluşturulması.
— Porselen karoda minimum kesim sağlayacak yerleşim projesinin çizilmesi.
— Yapıştırma işlemi esnasında hava sıcaklığı +5°C ile +35°C arasında iken çift bileşenli yapıştırıcı Kalekim TechnoMax 30'un hem cephe yüzeyine hem de porselen karonun arkasına taraklı bir mala ile sürülüp, porselen karonun cephe yüzeyine yaklaşık 4mm derz boşluğu bırakılarak yapıştırılması.
— Kalekim TechnoMax 30 prizini aldıktan sonra (yaklaşık 24 saat sonra) kuru havada Kalekim FugaFlex (1 -6mm) ile derz dolgu uygulaması yapılması.

KULLANILAN PORSELEN KARO EBATLARI

— 30x60 (en fazla 30 metre yüksekliğinde uygulanabilir), 60x60 ve 60x120 (en fazla 15 metre yüksekliğinde uygulanabilir).

SİSTEM AĞIRLIĞI

— Seramik ağırlığı (19 - 26,50 kg/m²)
— Yapıştırıcı ağırlığı (4 - 5 kg/m²)

APPLICATION AREAS

— The facade of the buildings that are maximum 30 meters height.

APPLICATION METHOD

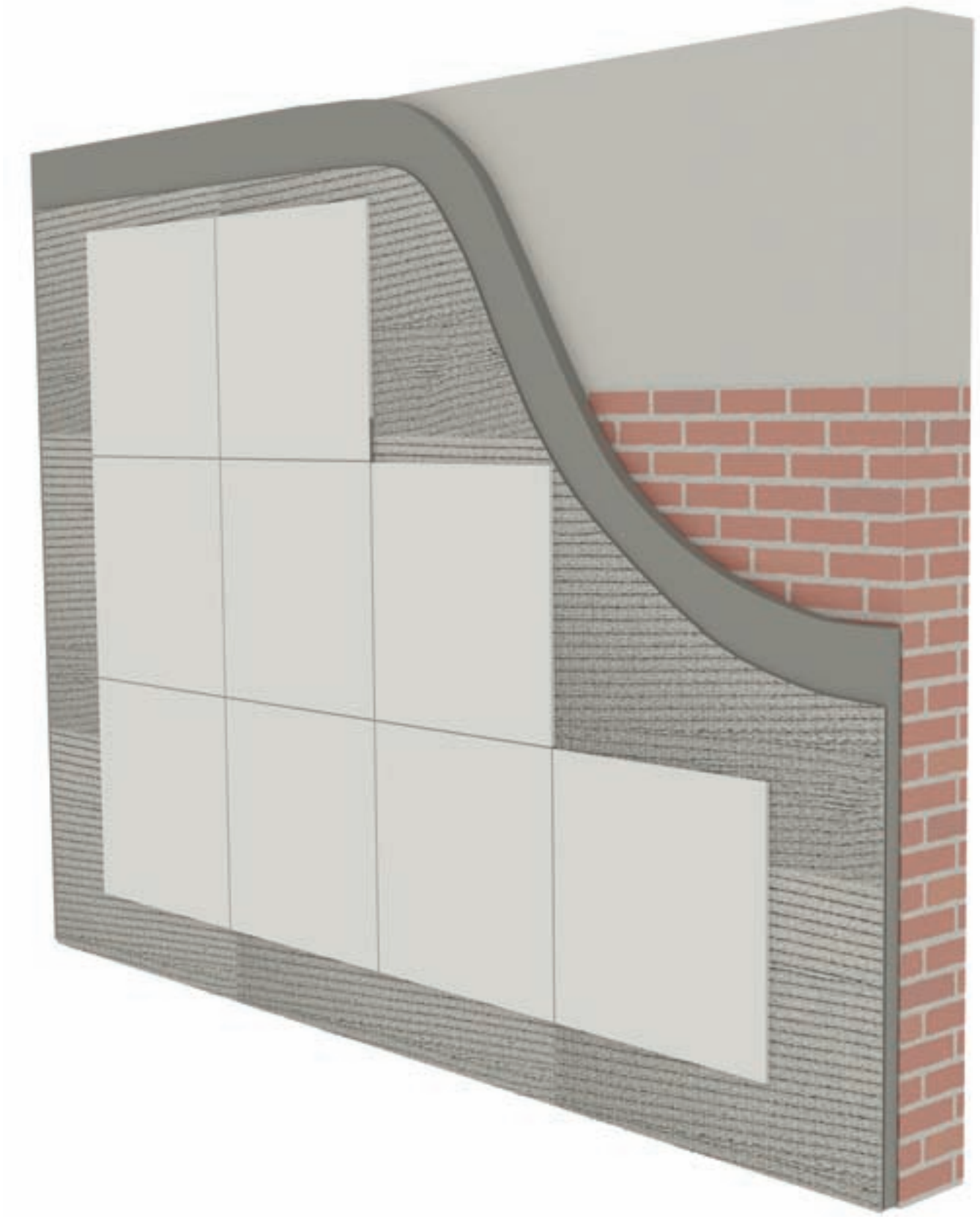
— The surface of the building should be covered with rough plaster which doesn't include lime, and the surface must be flat.
— Drawing architectural facade project to obtain suitable tile application.
— Kalekim TechnoMax 30 should be applied on both the front surface of the building and the back side of the porcelain tiles with a tooth-edged trowel sparing approximately 4mm grouts, and then porcelain tiles should be fixed on the surface. During this process the temperature must be between +5°C - +35°C.
— After Kalekim TechnoMax 30 solidifies (approximately after 24 hours), Kalekim FugaFlex (1 -6mm) should be applied for grouting in dry weather.

PORCELAIN TILE DIMENSIONS FOR ADHESION SYSTEM

— 12"x24" maximum 30 meters height, 24"x24" and 24"x48" (maximum 15 meters height).

WEIGHT OF THE SYSTEM

— Tile weight (19 - 26,50 kg/m²)
— Adhesive weight (4 - 5 kg/m²)





Mesa Park Oran Konutları / Ankara — 60x120cm Luxury Cement Kahve & 60x120cm Düz Bej Mat / Gizli Sistem
Mesa Park Oran Residence / Ankara — 24"x48" Luxury Cement Brown & 24"x48" Plain Beige Matte / Invisible System
Mimar : ACE Mimarlık — Architect : ACE Architectural Office





Hilton Garden Inn İstanbul Golden Horn / İstanbul — Heraklia Stone Bej - Heraklia Stone Koyu Gri 60x120cm / Gizli Sistem
Hilton Garden Inn İstanbul Golden Horn / İstanbul — Heraklia Stone Beige - Heraklia Stone Dark Grey 24"x48" / Invisible System
Mimar : TeCe Mimarlık — Architect : TeCe Architectural Office





Almondhill Konutları, Acıbadem / İstanbul

30x60cm Bej & 30x60cm Düz Süper Beyaz Mat & 30x60cm Düz Cotto Mat & 30x60cm Düz Antrasit Mat / Konstrüksiyona Yapıştırma Sistem

Almondhill Residence, Acıbadem / İstanbul

12"x24" Beige & 12"x24" Plain Super White Matte & 12"x24" Plain Cotto Matte & 12"x24" Plain Anthracite Matte / Adhesion System on Construction

Mimar : Sanlı Mimarlık — Architect : Sanlı Architectural Office





Mesa Mesken Çengelköy Konutları / İstanbul — 60x120cm Düz Bej Mat / Gizli Sistem
Mesa Mesken Çengelköy Residences/ İstanbul — 24"x48" Plain Beige Matte / Invisible System
Mimar : Mesa Tasarım Grubu — Architect : Mesa Design Group



Avrupa Konakları, Florya / İstanbul / 60x120cm Heraklia Stone Gri / Gizli Sistem
Avrupa Mansions, Florya / İstanbul / 24"x48" Heraklia Stone Grey / Invisible System
Mimar : Sabri Paşayığıt Design Office — Architect : Sabri Paşayığıt Design Office



Akbatı AVM, Esenyurt / İstanbul — 60x120cm Heraklia Stone Beyaz - 60x120cm Apollon Stone Yeşil / Klipsli Sistem
Akbatı AVM, Esenyurt / İstanbul — 24"x48" Heraklia Stone White - 24"x48" Apollon Stone Green / Clips System
Mimar : Seçkin Mimarlık — Architect : Seçkin Architectural Office

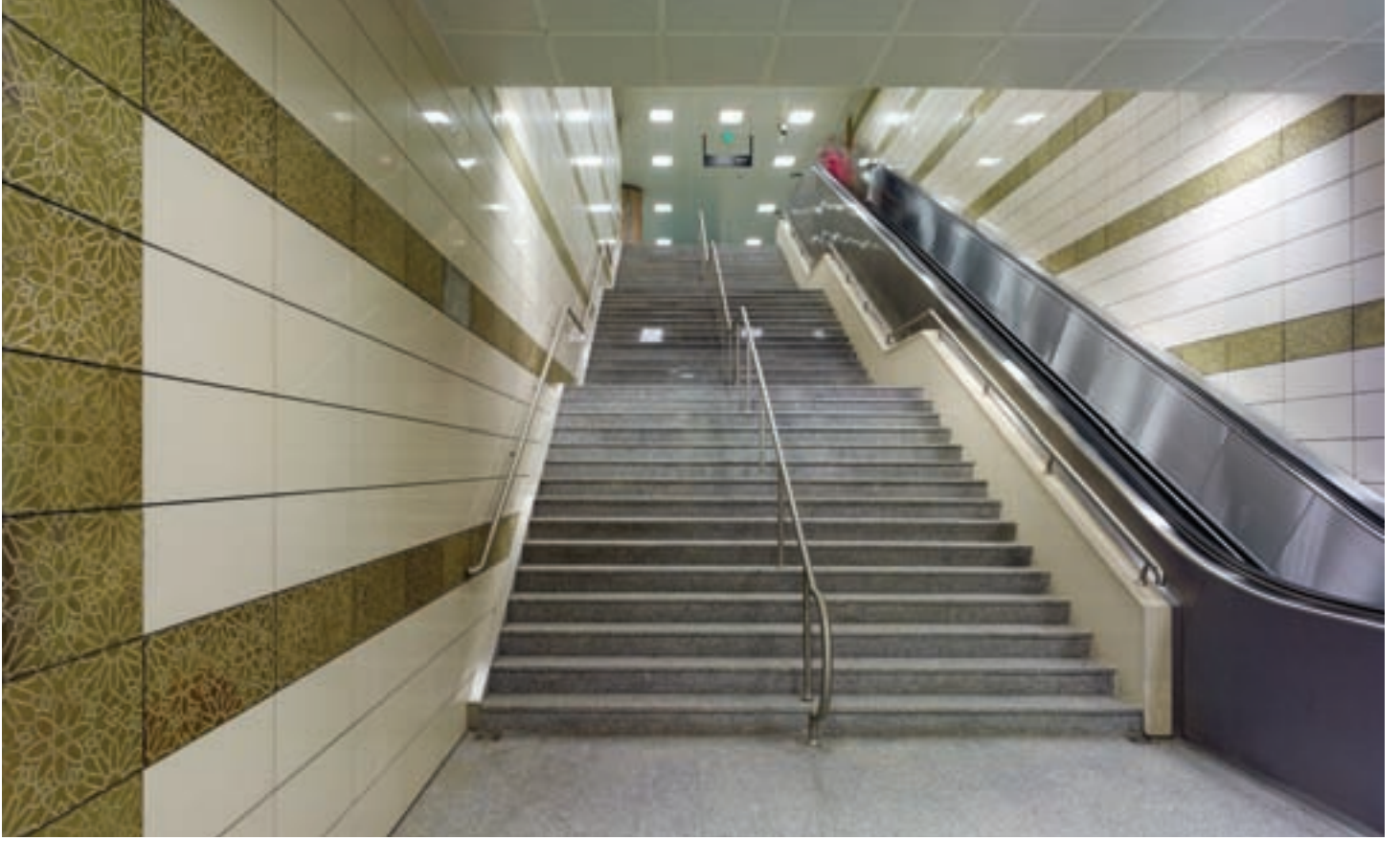


Ve Güneşli Konutları / İstanbul — 60x120cm cement 2.0 Kil Mat / 60x120cm Cement 2.0 Toprak / Garden Stone Bej 45x90cm / Klipsli Sistem
And Güneşli Residence / İstanbul — 24"x48" cement 2.0 Clay Matte / 24"x48" Cement 2.0 Soil Matte / Garden Stone Beige 18"x35" / Clips System

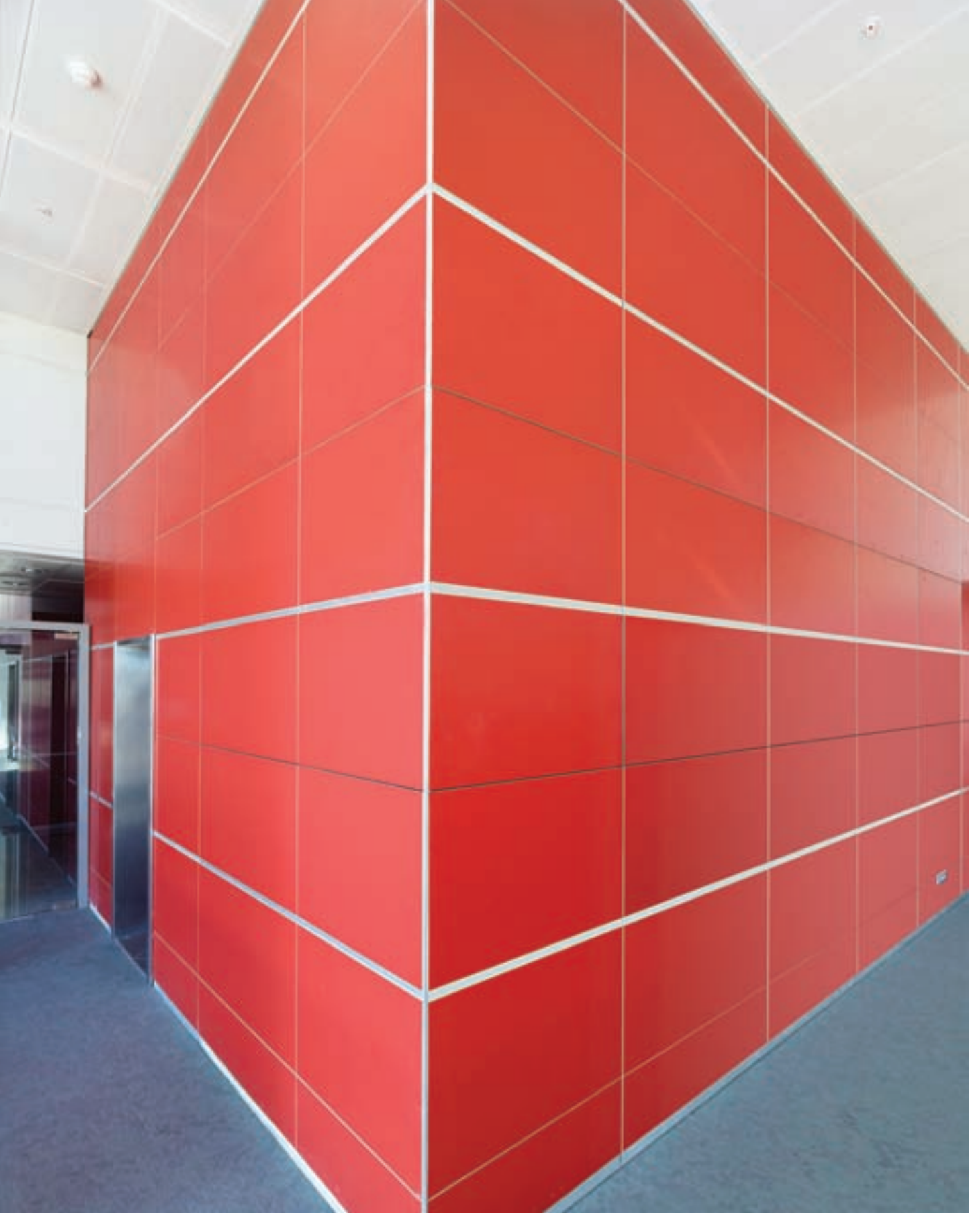


Capitol Alışveriş Merkezi, Altunizade / İstanbul — 60x60cm Düz Kızıl Mat & 60x60cm Düz Somon Mat / Gizli Sistem
Capitol Mall, Altunizade / İstanbul — 24"x24" Plain Red Matte & 24"x24" Plain Salmon Matte / Invisible System
Mimar : Mutlu Çilingiroğlu Miar Mimarlık — Architect : Mutlu Çilingiroğlu Miar Architectural Office





İTÜ Metro İstasyonu, Maslak / İstanbul — 30x60cm Düz Bej Parlak / Konstrüksiyona Yapıştırma Sistem
İTÜ Subway Station, Maslak / İstanbul — 12"x24" Plain Beige Polished / Adhesion System on Construction
Mimar : Yüksel Proje / Architect : Yüksel Project Office



Sabiha Gökçen Havalimanı, Kurtköy / İstanbul — 60x120cm Rainbow Plus Scarlet Kırmızı / Gizli Sistem
Sabiha Gökçen Airport, Kurtköy / İstanbul — 24"x48" Rainbow Plus Scarlet Red / Invisible System
Mimar : Tekeli Sisa Mimarlık — Architect : Tekeli Sisa Architectural Office



Koru Florya Konutları, Florya / İstanbul — 45x90cm Sandstone Gy303 / Gizli Sistem
Koru Florya Residence, Florya / İstanbul — 18"x35" Sandstone Gy303 / Invisible system
Mimar : Kraft Mimarlık — Architect : Kraft Architectural Office





Burla Seba Otel, Dolapdere / İstanbul — 60x120cm / 60x60cm / 30x60cm Cement 2.0 Kıl Mat / Konstrüksiyona Yapıştırma Sistem
Burla Seba Otel, Dolapdere / İstanbul — 24"x48" / 24"x24" / 12"x24" Cement 2.0 Clay Matte / Adhesion System on Construction
Mimar : Loft Mimarlık — Architect : Loft Architects





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Your loved ones are protected with three advanced technologies!

Dünyada sadece Kalebodur'da bulunan Kaleguard yüzey koruma teknolojisi, nanokompozit kaplamada yepyeni bir dönem başlatıyor. Seramik kaplamaya üretim aşamasında nano teknolojik yöntemlerle kazandırılan Kaleguard yüzey koruma uygulaması, sürekli ve komple koruma özelliği ile sektördeki benzerlerinden farklılaşıyor.

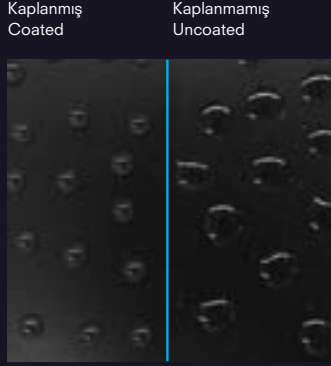
Kale; antibakteriyel, su itici ve kendi kendini temizleme (fotokatalitik) özellikleriyle eşsiz bir yüzey koruma uygulaması olan Kaleguard'ı geliştirdi. Kaleguard yüzey koruma, tüm bu özellikleri bir tek üründe toplayan ve opsiyonel olarak tüm Kale ürünlerine üretim aşamasında kazandırılabilen ve dünyada sadece Kale'de bulunan bir sistem.

Kaleguard surface protection technology, which is offered only by Kale in the world, creates a brand new era in nanocomposite coating. The Kaleguard surface protection system, which is incorporated in the ceramic coating during the production phase with nanotechnological methods, stands out among its counterparts in the sector due to its permanent and full protection feature.

Kale has developed Kaleguard, a unique surface protection application that has antibacterial, water-repellent and self-cleaning (photocatalytic) features. The Kaleguard surface protection system combines all these features into a single product, and can be incorporated into all Kale products in the production phase. The system is offered only by Kale in the world.

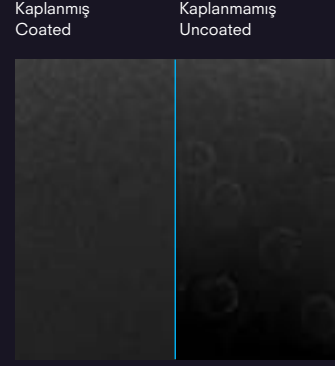
Su İtici, Yağ İtici ve Anti-grafiti Water-repellent, Oil-repellent & Anti-graffiti

- Temizlik için daha az zaman ve efor.
- Less time and effort to clean up.



Kolay Temizlenir / İç Mekan Easy Clean / Indoor

- Daha az deterjan tüketimi.
- Less consumption of detergents.



Sildikten sonra / After wiping

Su, yiyecekler, içecekler ve bakterilerin yol açtığı lekelerle karşı dayanıklı. Stain-resistant against water marks, food, beverages and bacteria.

- Hijyenik banyolar ve mutfaklar.
- Hygienic bathrooms and kitchens.
- Kolay silinen yemek lekeleri.
- Easy to wipe food stains.



Yağ yüzeye damlıyor
Oil dropped on the surface



Yağ iticilik özelliği aktive oluyor
Surface reacts



Yüzey sadece su dökülerek temizlenebilir
Surface can be cleaned just with poured water

Anti-grafiti / Anti-graffiti

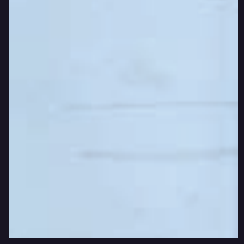
- Boya kalem, grafiti, keçeli kalem, tahta kalem lekelerini kolayca siler ve temizler.
- Easy to wipe and clean pollutants like crayon, graffiti, permanent marker, board marker

Kaplanmış / Coated



Silmeden Önce / Before wiping

Kaplanmış / Coated



Sildikten sonra / After wiping

Aşınmaya Karşı Dayanıklı / Resistant to Abrasion

Yaşam alanları birçok kez temizlik kimyasallarına ve aşınmaya maruz kaldıktan sonra dahi ilk günkü gibi yepyeni kalır.

- Ev kimyasalları. Temizlik sıvıları (Asidik / Alkalın)
- Beyazlatıcı.
- Su aşınması.

Living spaces will remain brand new like the first day, after numerous exposure to cleaning chemicals and abrasion.

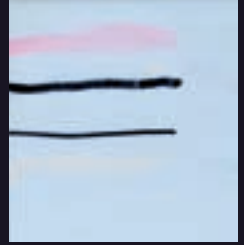
- Household chemicals. Cleaning liquids (Acidic / Alkaline).
- Bleaching agents.
- Water corrosion.

Kaplanmamış / Uncoated



Silmeden Önce / Before wiping

Kaplanmamış / Uncoated



Sildikten sonra / After wiping

Mikrobiyel Yükleme / Microbial Loading

E-Coli	Başlangıçta / Start	24 saat sonra / After 24 hours
S.Aureus	5,00E+05	<10
	4,30E+05	<10

- Bakteri popülasyonu 24 saat içerisinde 10 birimin altına düşer.
- Bacteria population decreases to less than 10 units in 24 hours.

JISZ2801 yöntemine göre.
According to JISZ2801 method.

Kendi Kendini Temizler / Fotokatalitik / Dış Mekan Self Clean / Fotokatalitik / Outdoor

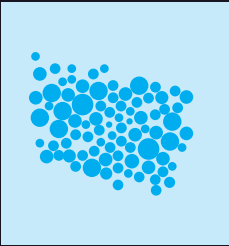
- İş, su lekesi, toz, mantar, küf ve bakterilere karşı dayanıklı.
- Daha az bakım maliyeti.
- Daima temiz ve kuru dış mekan zemini.
- Against soot, water marks, dust, fungus, mould, bacteria.
- Less maintenance cost.
- Always clean & dry outdoor surface.



Antibakteriyel / Anti-bacterial

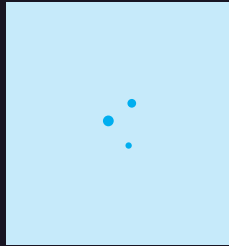
- Yetersiz aydınlatmaya sahip ortamlarda dahi hem iç mekanları hem de dış mekanları bakterilerden korur.
- Hijyeniktir; bakterilere, küfe ve mantara karşı dayanıklıdır.
- Protects both outdoor and indoor, even in poorly lit environment.
- Hygienic; resistant to bacteria, mould and fungus.

Kaplanmış / Coated



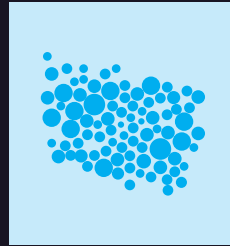
İlk aşama / Initial stage

Kaplanmış / Coated



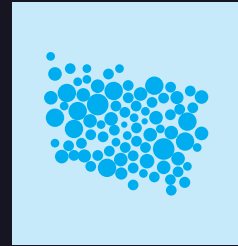
24 saat sonra / After 24 hours

Kaplanmamış / Uncoated



İlk aşama / Initial stage

Kaplanmamış / Uncoated



24 saat sonra / After 24 hours

SIRLI PORSELEN TEKNİK ÖZELLİKLERİ | GLAZED PORCELAIN TECHNICAL CHARACTERISTICS

Teknik Özellikler / Technical Characteristics	TS-EN 14411 / ANNEX G GL GROUP B1a Türk ve Avrupa Standardı / Turkish & European Standards	Kalebodur Test Sonuçları / Test Results	TS-EN
Uzunluk ve genişlik / Length and width (cm)	190< S ≤ 410 ±%0,75 S>410 ±%0,6	±% 0,4	ISO 10545 -2
Kalınlık / Thickness (%)	±% 5	±% 4	ISO 10545 -2
Gönyeden sapma / Rectangularity (%)	±% 0,6	± %0,4	ISO 10545 -2
Kenar düzgünlüğü / Straightness of sides (%)	±% 0,5	±% 0,3	ISO 10545 -2
Düzlemde sapma / Surcafe flatness	±% 0,5	±% 0,3	ISO 10545 -2
Su emme / Water absorption (%)	E ≤% 0,5 Tek olarak Max.% 0,6 / E ≤ 0,5 % Individual Max. 0,6 %	≤% 0,5	ISO 10545 -3
Kırılma dayanıklılığı / Breaking strength, in N			
A, Kalınlık / Thickness > 7,5mm	En az / Not less than 1300	1700 N	ISO 10545 -4
B, Kalınlık / Thickness < 7,5mm	En az / Not less than 700	-	ISO 10545 -4
Eğilme dayanımı / Modules of repture (N/mm²)	Min. 35 Tek olarak Min.32 / Min. 35 Individual Min.32	Min.35	ISO 10545 -4
Sırlı karolar - yüzey aşınmasına dayanıklılık / Resistance to surface abrasion for glazed tile	Sınıf ve devir olarak belirtilir / Report abrasion class and cycles passed	Class : 1 - 2 - 3 - 4 - 5	ISO 10545 -7
Lineer ısı genleşme katsayısı / Linear thermal expansion coefficient	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -8
Çarpma dayanımı / Impact resistance	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -5
Isı şokuna dayanıklılık / Resistance to thermal shock	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -9
Sırlı karolarda çatlamaya dayanıklılık / Crazeing resistance in glazed tiles	İstenir / Required	Dayanıklı / Resistant	ISO 10545 -11
Dona dayanıklılık / Frost resistance	İstenir / Required	Dayanıklı / Resistant	ISO 10545 -12
Kimyasallara dayanım / Resistance to chemical			
Düşük konsantrasyonlu asit ve alkalilere dayanım / Resistance to low concentrations of acids and alkalis			
Sırlı karolar / Glazed tiles	Üretici sınıflandırır / Manufacturer to state classification	GLA-GLB	ISO 10545 -13
Yüksek konsantrasyonlu asit ve alkalilere dayanım / Resistance to high concentrations of acids and alkalis			
Sırlı karolar / Glazed tiles	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -13
Ev kimyasallarına ve yüzme havuzu tuzlarına dayanım / Resistance to household chemicals and swimming pool salts			
Sırlı karolar / Glazed tiles	Min.GB	Min.GB	ISO 10545 -13
Lekelenmeye dayanıklılık / resistance to staining			
Sırlı karolar / Glazed tiles	Sırlı karoda Min. Class 3 / Min.Class 3 for Glazed Tile	Min.Class-3	ISO 10545 -14
Ramp kayma testi (yağlı / ıslak) / Ramp slip resistance (oil / wet)	İstendiği yerde / Where required	R = 09 - 10 - 11 - 12 - 13 CLASS = A - B - C	Özel DIN 51130 DIN 51097



Kaleseramik Çanakale Kalebodur Seramik Sanayi A.Ş. 17430 Çan - Çanakale / Türkiye

TS-EN 14411 ANNEX G GL GROUP B1a

Kuru presleme ile üretilmiş dış ve iç mekan seramik yer karoları / Dry-pressed ceramic tiles for external and internal flooring

Karakteristikler / Characteristics	Beyan edilen değerler / Declared values
Yangına Dayanım / Reaction to Fire	A1fl (96/603/EC doğrultusunda test edilmeksizin / Without testing 96/603 EC as amended)
Kırılma Dayanımı / Breaking Strength	>1300 N - TS EN ISO 10545 -4
Kayma Direnci (yaya kullanım alanları için) / Slipperiness (for pedestrian circulation areas only)	R: 9 - 10 - 11 - 12 - 13 / CLASS: A - B - C / DIN 51130 / DIN 51097
Kayma Direnci (araç kullanım alanları için) Skid Resistance (only for external uses in vehicular circulation areas)	NPD
Donma-Erime Çevrimine Dayanıklılık / Freeze-Thaw Resistance	Dona dayanıklıdır/ Resistant to frost - TS EN ISO 10545 -12
Açığa Çıkan Tehlikeli Maddeler (yalnızca ulusal yasalar tarafından istendiğinde) Release of Dangerous Substances (only when requested by national legislation)	NPD
Açığa Çıkan Kadmium / Release of Cadmium	NPD
Açığa Çıkan Kurşun / Release of Lead	NPD

SIRSIZ PORSELEN TEKNİK ÖZELLİKLERİ | UNGLAZED PORCELAIN TECHNICAL CHARACTERISTICS

Teknik Özellikler / Technical Characteristics	TS-EN 14411 / ANNEX G UGL GROUP B _{la} Türk ve Avrupa Standardı / Turkish & European Standards	Kalebodur Test Sonuçları / Test Results	TS-EN
Uzunluk ve genişlik / Length and width (cm)	190< S ≤ 410 ±% 0,75 S>410 ±% 0,6	±% 0,4	ISO 10545 -2
Kalınlık / Thickness (%)	±% 5	±% 4	ISO 10545 -2
Gönyeden sapma / Rectangularity (%)	±% 0,6	±% 0,4	ISO 10545 -2
Kenar düzgünlüğü / Straightness of sides (%)	±% 0,5	±% 0,3	ISO 10545 -2
Düzlemde sapma / Surface flatness	±% 0,5	±% 0,3	ISO 10545 -2
Su emme / Water absorption (%)	E ≤ %0,5 Tek olarak max.% 0,6 / E ≤ 0,5 % Individual max. 0,6 %	<% 0,2	ISO 10545 -3
Kırılma dayanıklılığı / Breaking strength, in N			
A, Kalınlık / Thickness > 7,5mm	En az / Not less than 1300	2100 N	ISO 10545 -4
B, Kalınlık / Thickness < 7,5mm	En az / Not less than 700	-	ISO 10545 -4
Eğilme dayanımı / Modules of rupture (n/mm ²)	Min. 35 Tek olarak Min.32 / Min. 35 Individual Min.32	Min.35	ISO 10545 -4
Sırsız karoların derin aşınmaya dayanımı / Resistance to deep abrasion unglazed tiles only	Max. 175mm ³	Ort. / Ave. 130mm ³	ISO 10545 -6
Lineer ısı genleşme katsayısı / linear thermal expansion coefficient	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -8
Çarpma dayanımı / Impact resistance	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -5
Isı şokuna dayanıklılık / Resistance to thermal shock	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -9
Dona dayanıklılık / Frost resistance	İstenir / Required	Dayanıklı / Resistant	ISO 10545 -12
Kimyasallara dayanım / resistance to chemical			
Düşük konsantrasyonlu asit ve alkalilere dayanım / Resistance to low concentrations of acids and alkalis			
Sırsız karolar / Unglazed tiles	Üretici sınıflandırır / Manufacturer to state classification	ULA-ULB	ISO 10545 -13
Yüksek konsantrasyonlu asit ve alkalilere dayanım / Resistance to high concentrations of acids and alkalis			
Sırsız karolar / Unglazed tiles	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -13
Ev kimyasallarına ve yüzme havuzu tuzlarına dayanım / Resistance to household chemicals and swimming pool salts			
Sırsız karolar / Unglazed tiles	Min.UB	Min.UB	ISO 10545 -13
Lekelenmeye dayanıklılık / resistance to staining			
Sırsız karolar / Unglazed tiles	Mevcut test metodu / Test method available	Uygundur / Affirmative	ISO 10545 -14
Ramp kayma testi (yağlı / ıslak) / Ramp slip resistance (oil / wet)	İstendiği yerde / Where required	R = 09 - 10 - 11 - 12 - 13 CLASS = A - B - C	Özel DIN 51130 DIN 51097



Kaleseramik Çanakkale Kalebodur Seramik Sanayi A.Ş. 17430 Çan - Çanakkale / Türkiye

TS-EN 14411 ANNEX G UGL GROUP B_{la}

Kuru presleme ile üretilmiş dış ve iç mekan seramik yer karoları / Dry-pressed ceramic tiles for external and internal flooring

Karakteristikler / Characteristics	Beyan edilen değerler / Declared values
Yangına Dayanım / Reaction to Fire	A1f1 (96/603/EC doğrultusunda test edilmeksizin / Without testing 96/603 EC as amended)
Kırılma Dayanımı / Breaking Strength	>1300 N - TS EN ISO 10545 -4
Kayma Direnci (yaya kullanım alanları için) / Slipperiness (for pedestrian circulation areas only)	R: 9 - 10 - 11 - 12 - 13 / CLASS: A - B - C / DIN 51130 / DIN 51097
Kayma Direnci (araç kullanım alanları için) / Skid Resistance (only for external uses in vehicular circulation areas)	NPD
Donma-Erime Çevrimine Dayanıklılık / Freeze-Thaw Resistance	Dona dayanıklıdır / Resistant to frost - TS EN ISO 10545 -12
Açığa Çıkan Tehlikeli Maddeler (yalnızca ulusal yasalardan istendiğinde) / Release of Dangerous Substances (only when requested by national legislation)	NPD
Açığa Çıkan Kadmium / Release of Cadmium	NPD
Açığa Çıkan Kurşun / Release of Lead	NPD

KALESINTERFLEX® TEKNİK ÖZELLİKLERİ | **KALESINTERFLEX® TECHNICAL CHARACTERISTICS**

Teknik Özellikler Kalesinterflex®

Ebatlar (mm)	1000 x 3000 x 3		
Ağırlık (kg/m²)	7		
Esneklik Yarıçapı (m) (3 m uzunluk için)	5.5 (iç bükey)		
EN 14411 ANNEXE G GROUP B la ile uyumlu sınıflandırma			
	İstenilen	Kalesinterflex® Değeri	Test Standardı
Boyut ve Yüzey Kalitesi			
Uzunluk & Genişlik - Her bir karo için (2 veya 4 kenar) ortalama ebadın çalışılan ebattan (W) sapma yüzdesi	S>410_+/-%0.6	(+/-)%0.2	ISO 10545-2
Kalınlık - Her bir karo için ortalama kalınlığın çalışılan kalınlıktan sapma yüzdesi	S>410_+/-%5	(+/-)%2	ISO 10545-2
Kenar Düzgünlüğü - Çalışılan ebada göre maksimum sapma yüzdesi	S>410_+/-%0.5	(+/-)%0.2	ISO 10545-2
Gönye Kesimi - Çalışılan ebada göre gönyeden maksimum sapma yüzdesi	S>410_+/-%0.6	(+/-)%0.2	ISO 10545-2
Yüzey Düzlüğü - Düzlükten maksimum sapma yüzdesi; a) Merkez kavisi, çalışılan ebattan diyagonal hesaplanana göre b) Kenar kavisi, mukabil çalışılan ebada göre c) Eğrilik, çalışılan ebattan diyagonal hesaplanana göre	S>410_+/-%0.5	(+/-)%0.2	ISO 10545-2
Yüzey Kalitesi	Karoların en az %95'i belirgin bir alanı kaplayan karoların görüntüsünü bozmayacak şekilde defosuz olmalıdır.	Uygun	ISO 10545-2
Su Emme (%)	< %0.5	< %0.1	ISO 10545-3
Eğilme Mukavemeti (N/mm²)	Minimum 35	Minimum 50	ISO 10545-4*
Derin Aşınma - Sırsız karoların derin aşınma mukavemeti (mm³)	Maximum 175	< 135	ISO 10545-6
Isı Şokuna Dayanım	Test metodu uygulanabilir	Uygun	ISO 10545-9
Dona Dayanım	İstenmektedir	Uygun	ISO 10545-12
Nem Genleşmesi	Test metodu uygulanabilir	% 0	ISO 10545-10
Lekelenme Dayanımı - Sırsız Karolar	Test metodu uygulanabilir	Min. Sınıf 3	ISO 10545-14
Kimyasal Maddelere Dayanım			
Asit ve Alkalilerin Düşük Konsantrasyonlarına Dayanım - Sırsız Karolar	İstenmektedir	ULA	ISO 10545-13
Asit ve Alkalilerin Yüksek Konsantrasyonlarına Dayanım	Test metodu uygulanabilir	UHA	ISO 10545-13
Temizlik Kimyasalları ve Havuz Tuzlarına Dayanım - Sırsız Karolar	Minimum UB	UA	ISO 10545-13
Meyilde Kayma Dayanımı	İstendiği takdirde		DIN 51130/51097
Diğer Teknik Sınıflandırmalar			
Çarpma Dayanımı (kJ/cm) (Plain)	5,5 - 6,5	UNI EN ISO 179: 1998	
Kalesinterflex® Elastisite Modülü (N/mm²) (Plain)	45000	UNI EN ISO 14125: 2000	
Güneş Işığına Dayanım	Dayanıklı	DIN 51094	
Isı İletkenlik Kat sayısı (W/mK)	1.2	TS 388 / 1977	



Kalesinterflex® bu laboratuvarlarda test edilmiştir.



Fachhochschule Koblenz
University of Applied Sciences

TeknoMa



Technical Features of Kalesinterflex®

Dimensions (mm)	1000 x 3000 x 3
Weight (kg/m ²)	7
Bending Radius (m) (For Kalesinterflex® 4 mm Fit Product Group)	5.5

Classification in accordance with EN 14411 ANNEXE G GROUP B Ia

	Requirements	Kalesinterflex® Value	Standart of Test
Dimensions and Surface Quality			
Length & Width - The deviation in percent of the average size for each tile (2 or 4 sides) from the work size (W)	S > 410 _ ± 0.6%	± 0.2%	ISO 10545-2
Thickness - The deviation in percent of the average thickness of each tile from the work size thickness.	S > 410 _ ± 5%	± 2%	ISO 10545-2
Straightness of Sides (Facial Sides) - The max. deviation from straightness, in percent, related to the corresponding work sizes.	S > 410 _ ± 0.5%	± 0.2%	ISO 10545-2
Rectangularity - The max. deviation from rectangularity, in percent, related to the corresponding work sizes.			
Surface Flatness - The max. deviation from flatness, in percent;	S > 410 _ ± 0.6%	± 0.2%	ISO 10545-2
a) Center curvature, related to diagonal calculated from the work sizes;			
b) Edge curvature, related to corresponding work sizes;			
c) Warpage, related to diagonal calculated from the work sizes.	S > 410 _ ± 0.5%	± 0.2%	ISO 10545-2
Surface Quality	A min. of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.	Affirmative	ISO 10545-2
Water Absorption (percent by mass)	< 0.5%	< 0.1%	ISO 10545-3
Modulus of Rupture (N/mm ²)	Minimum 35	Min 50	ISO 10545-4*
Abrasion Resistance	Maximum 175		
- Resistance to deep abrasion of unglazed tiles; removed volume in cubic millimeters.	Report abrasion class and cycles passed	< 135	ISO 10545-6
Thermal Shock Resistance	Test Method Available	Affirmative	ISO 10545-9
Frost Resistance	Required	Affirmative	ISO 10545-7
Moisture Expansion, in mm/m	Test Method Available	0 %	ISO 10545-12
Resistance to Staining			
- Unglazed Tiles	Test Method Available	Min. Class 3	ISO 10545-10
Resistance to Chemicals			
Resistance to Low Concentrations of Acids and Alkalies			
-Unglazed Tiles	Required	ULA	ISO 10545-13
Resistance to high concentrations of acids and alkalies	Test Method Available	UHA	ISO 10545-13
Resistance to household chemicals and swimming pool salts			
- Unglazed Tiles	Minimum UB	UA	ISO 10545-13
Ramp Slip Resistance (oil / wet)	Where Required		DIN 51130/51097

Other Technical Classifications

Determination of Charpy Impact Properties (kJ/m ²) Weight (kg/m ²)	5.5 / 6.5	UNI EN ISO 179: 1998
Elasticity Module (N/mm ²) of Single	45000	UNI EN ISO 14125: 2000
Colour Resistance to Sunlight	Resistant	DIN 51904
Heat Conductivity Coefficient (W/mK)	1.2	TS 388 / 1977



Kalesinterflex® was tested in these laboratories.

CTDA RENK TON FARKI REHBERİ I SHADE VARIATION

Farklı partiler şeklinde üretilen karolar arasında veya aynı üretim partisindeki karoların kendi aralarında belli derecelerde renk tonlarında farklılıklar oluşur. Kabul edilebilir renk ton farklılıklarını belirlemek için en azından aynı üretim partisine ait karolardan bir miktarı mümkün oldukça gözden geçirilmelidir. Karoların seçimi hakkında oluşabilecek herhangi bir soru veya endişenin döşeme işleminden önce netleşmesi gereklidir.

V1= AYNI GÖRÜNÜM: Karodan karoya çok az ve önemsiz farklılıklarla her bir karo aynı doku, renk, ton ve motife sahiptir.

V2= HAFİF FARKLILIK: Doku ve/veya desende aynı renkler arasında farklılıklar olabilir. Karoların genel görünüşü oldukça benzerdir.

V3= ÖNEMLİ FARKLILIK: Bir karoda bulunan renkler diğer karolardaki renkler hakkında bilgi vermekle birlikte renk yoğunluğunda önemli derecede farklılık gösterir. Karo üzerinde önemsiz gibi görünen bir renk diğer bir karo üzerinde ağırlıklı renk olabilir.

V4= RASTGELE FARKLILIK: Bir karo diğer bir karoya göre tamamen farklı renkte olabilir. Bu karolar tüketici tarafından birkaç parça çıkartılacak şekilde seçilemezler. Renk farklılıklarından dolayı karolarda doğal bir görünüm vardır. Bu yüzden her bir döşeme özgün yapıda olur.

The color shade or shades of all tiles varies some degree from piece to piece, from each production run to run. At least several pieces from the same production should be reviewed whenever possible to determine acceptable color shade variations. Any questions or concerns about your tile selection should be clarified prior to installation.

V1= UNIFORM APPEARANCE: Differences among pieces from the same production run are minimal.

V2= SLIGHT VARIATION: Clearly distinguishable differences in texture and/or pattern within similar colors.

V3= MODERATE VARIATION: While the colors present on a single piece of tile will be indicative of the colors to be expected on the other tiles, the amount of colors on each piece may vary significantly. For example “that little bit of color” on one piece of tile may be the primary color on the next piece.

V4= RANDOM VARIATION: Random color differences from tile to tile, so that one tile may have totally different colors from that on other tiles. Thus, the final installation will be unique.

Kalebodur Seramiklerinin yanında görünen numaralar Türk ve Avrupa Standardı TS-EN ISO 10545 -7 göre yüzey aşınma dayanım sınıfını belirtir.

The numbers beside Kalebodur Ceramic Tiles indicate the abrasion resistance of the ceramic surfafe according to Turkish and European Standard TS-EN ISO10545 -7.

Class - 1 Duvarlar ile banyo ve yatak odası zeminlerine uygundur.

Class - 2 Konutlar gibi yaya trafiği az olan mekan zeminlerine uygundur.

Class - 3 Antre, koridor gibi, giriş çıkışı fazla olan zeminlere uygundur.

Class - 4 Mağaza, restoran gibi yaya trafiğine daha fazla maruz kalacak zeminlere uygundur.

Class - 5 Mağaza, otel restoran, ofis okul, teşhir yaya trafiğine fazla maruz kalacak zeminler için uygundur.

Class - 1 Suitable for walls and bedroom and bathroom floors.

Class - 2 Suitable for light taraffic environments like the floors of a house.

Class - 3 Suitable for moderately heavy tarffic area floors like the entrance and the corridor.

Class - 4 Suitable for heavy traffic area floors like restaurant, shopping stores, etc.

Class - 5 Suitable for floors subject to heavy foot traffic and abrasion, such as shops, hotels, restaurants, offices, schools, exhibition halls, etc.

SEMBOLLER | SYMBOLS

Otel
Hotel



İş Merkezi, Ofis
Business Center



Alışveriş Merkezi
Shopping Center



Dona Dayanıklılık
Frost Resistance



Konut
Residence



Fabrika
Factory, Warehouse



Dış Cephe
Facade



Restoran, Kafe
Restaurant, Cafe



Havuz
Pool



Dış Mekan
Outside



Hastane
Hospital



Aşınmaya Dayanıklılık
Abrasion Resistance



Karo Kalınlığı 11mm
Tile Thickness 11mm



Duvar Karosu
Wall Tiles



Yer Karosu
Floor Tiles

RENK TON FARKLARI | SHADE VARIATION

Aynı Görünüm
Uniform Appearance



Hafif Farklılık
Slight Variation



Önemli Farklılık
Moderate Variation



Rastgele Farklılık
Random Variation

YÜZEY AŞINMA DAYANIM SINIFI | SURFACE ABRASION RESISTANCE CLASS



Belge No: KG 107/94



TS-EN-14411



DIN EN ISO 9001
Dos. Reg. No.: 056537



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