



DIAMME™
ADVANCED SURFACES



DIAMME™
ADVANCED SURFACES

Explore range



DIAMME™
ADVANCED SURFACES

#FutureForwardLiving





WORLD OF DIAMME

At Diamme, every surface is a crafted expression of beauty and purpose. **A seamless blend of nature's finest materials and advanced surface innovation.**

We design with intent to elevate how people live, feel, and connect with their spaces. Our surfaces don't follow trends; they set new standards. They bring harmony between human aspiration and environmental responsibility, offering solutions that are durable, versatile, and timeless.

Our versatile product range makes us a true one-stop destination for architects, designers, developers, and homeowners who seek cohesive design, unmatched quality, and technical excellence under one roof.

VISION



Where natural elegance, intelligent design, and conscious living converge. Every surface is a refined expression of beauty and purpose, born from nature, elevated by innovation.

An evolution of **Classic Marble Company's** legacy, DIAMME stands for integrity, innovation, and refined living. With deep consumer insight and engineering excellence at its core, it offers surfaces that do more than build; they inspire!

Our global partnership with **Kale Group**, a pioneer since 1957, brings together two legacies rooted in craftsmanship, technology, and design. Together, we're creating iconic living spaces that transcend borders and time.



Kalesinterflex®



DIAMME PROMISE

At Diamme, we go beyond just creating beautiful surfaces we offer a complete ecosystem of advanced surface solutions, ranging from cabinet shutters to exterior façades.

Built on cutting-edge technology and guided by sustainable principles, **DIAMME surfaces are engineered to perform and endure.** With near-zero water absorption, high resistance to fire, stains, and UV rays, and certified eco-friendly manufacturing, every product speaks to a smarter, more sustainable future.

Whether you're crafting intimate interiors or iconic exteriors, Diamme is your trusted partner at every surface touchpoint.





Raw Material Consumption:
Compared to standard
ceramic tiles,

57% less

Natural Gas Consumption:
Compared to standard
ceramic tiles,

47% less

Water Consumption:
Compared to standard
ceramic tiles,

20% less

Logistics:
Compared to standard
ceramic tiles,

90% more

products can be transported
in a container.

DIAMME TECHNOLOGIES

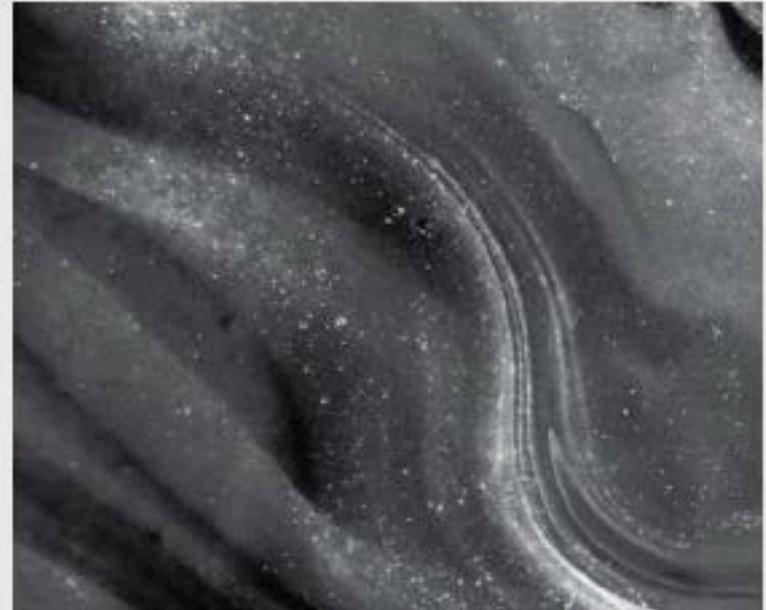


FLOWTECH

The Technology Of Eternity



FLOWTECH, used as a pattern tracking technology, ensures the progression of the pattern between the panels of marble-look products in particular. It creates a more impressive ambiance in wall application in spaces. Some marble products were designed using this method. However, during the production phase, the products are produced in a combination. Practitioners should make the right choice during the covering to capture this flow. Thus, the aesthetic and design potential of the space is maximized.



GLOWTECH

The Technology Of Sparkle



GLOWTECH, used as a glitter/bright luminescence technology, refers to the effect caused by the glare of micro pieces on the surface of glossy products. This special effect gives the products a more exclusive and eye-catching glow by distinguishing them from standard glossy ones. While it is described as the reflection of the natural mineral glow in some marbles on the ceramic technology, an aesthetic and elegant shine is obtained in the spaces.

DECOTECH

The Technology Of Art



DECOTECH technology, which stands out due to the application of special materials to the surfaces and their separation from flatly printed products, and matte or glossy materials bearing the name of granilla create a striking relief effect on the products.

Reliefs, which can be applied synchronously or independently according to different design needs and wishes, are often preferred in decorative and positive spaces.



BODYTECH

The Technology Of Consistency



BODYTECH technology, which refers to the use of salt-pepper-masin traditional porcelain production, is constituted from finely ground mas mixtures containing homogeneous stone textures and different color shades on the surface of the products. Thanks to the special method that carries the visual effect on the surface of the product to the product structure, each edge and each cut point of the product offers a harmonious and holistic appearance with the surface.

OPENBOOK

The Technology Of Symmetry



OPENBOOK, used as a correspondent pattern technology, enables one module to come face to face with the other module and create a unique pattern, especially in marble-look products. This special design distinguishes both modules as A and B with different codes while allowing small pattern shifts of 1-2 cm between them. Thanks to this method, aesthetic and visual diversity is achieved in spaces, and the integrity of the design is preserved.



FORMTECH

The Technology Of Sensation



Porcelain slabs mimicking the appearance of natural stone carry aesthetic elegance to living spaces. FORMTECH shapes porcelain slabs with inspiration from nature. Bringing surfaces an embossed and ragged feel, FORMTECH technology adds depth to spaces. Special surfaces adapted to different patterns, textures and colors offer visual richness to living spaces. It creates a more attractive and unique atmosphere in every space.



Kaleguard

DIAMME™
ADVANCED SURFACES

**We use science and technology for human health.
The health of you and your loved ones are under
protection thanks to Kaleguard Surface Protection
Technology.**

We equip porcelain surfaces with superior
protection with Kaleguard technology which
is developed for the first time in the world.

**3 SUPERIOR FEATURES DESIGNED
FOR LIVING SPACES!**



Effective protection against bacteria!

Preventing the formation of bacteria mold, fungus and bacteria; Kaleguard technology offers maximum hygiene everywhere. It protects your health in many living areas open to public use such as homes, hotels, hospitals, shopping malls, poolside and schools.

Coated Uncoated



Coated Uncoated



After Wiping



Self-cleaning hygienic ceramics!

Stains and dirt caused by different environmental effects cannot hold on to ceramic surfaces thanks to Kaleguard technology. While providing a clean appearance indoors and outdoors, it designs healthy living spaces with its unique technology.

Coated



Initial Stage

Coated



After 24 Hours

Uncoated



Initial Stage

Uncoated



After 24 Hours



More easily cleanable eco-friendly surfaces!

Providing water and oil repellency to ceramic surfaces; Kaleguard technology creates a healthy environment in wet spaces such as bathrooms and kitchens. Protecting the environment, Kaleguard technology offers a comfortable and easy cleaning experience since less water and cleaning materials are used compared to standard surfaces.

Coated Uncoated



Oil dropped on the surface

Coated Uncoated



Surface reacts

Coated Uncoated



Surface can be cleaned just with poured water



Kaleguard
DEFENCE

VIRUSES HAVE NO PLACE IN
YOUR LIVING SPACE THANKS TO
KALEGUARD DEFENCE!



Kalebodur products; which keep the spaces alive with functional products and inspire with unique ceramic collections; offer you and your loved ones a healthy life with antimicrobials.



Healthy living spaces in all parts of life!

With Kaleguard Defence, there is no virus and bacteria; there is healthy and comfortable life.

You can safely touch ceramic surfaces with Kaleguard Defence; guaranteed and certified by national and international organisations.



Kitchen



Bathroom



Living Room



Airport



Shopping Mall



Hospital



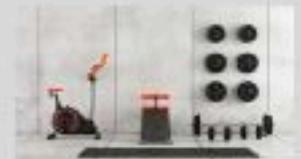
Hotel



School



Pool & SPA



Gym



Kaleguard Defence Protection
Provides effective protection against viruses and bacteria.



Environment-friendly
It has no harmful effect on the environment.



Chemical Resistance
It has chemical resistance. It does not corrode due to cleaners.



Hygienic
It has stain resistance. In this way, surfaces can be cleaned easily.



Invisible Surface Application
Since it can be applied very thin, the aesthetic properties of the product do not deform.



Long-lasting
It preserves its antimicrobial features for 2 years in wall and floor applications.



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

FEATURES

Designed to shape the architecture of the future, Kalesinterflex is equipped with superior features to ensure flawless performance under any condition.



WEIGHT*

A 3mm-thick Kalesinterflex slab weighs 7kg/sqm while a 5mm-thick Kalesinterflex slab weighs 11.5kg/sqm.



FLEXIBILITY

The convex flexibility radius of a 3mm-thick Kalesinterflex Fit slab is 5.5m.



NON-FLAMMABLE (FLAME RESISTANT)

Kalesinterflex is totally fire resistant and non-flammable.



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 automatic drilling devices.



HIGH HEAT AND FROST RESISTANCE

Kalesinterflex's surface is equipped with advanced technology to accommodate various climate conditions. It maintains its durability against sudden changes in heat and frost.



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.

*The specified weights reflect average values and may vary depending on the product.



ANTI-GRAFFITI

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



PHOTOCATALYTIC

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



HYGIENIC

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



ECO-FRIENDLY

Produced with an environment-friendly technology, Kalesinterflex 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.



HIGH STAIN RESISTANCE



HIGH ABRASION RESISTANCE



HIGH RESISTANCE TO UV RAYS



LOW WATER ABSORPTION (NEAR ZERO)



EVERLASTING



HIGH SCRATCH RESISTANCE

CHOOSE YOUR **DIAMME**

INSPIRE.

Where beauty begins.

This is the emotional core of the brand-products that captivate at first glance. Surfaces designed to evoke luxury, richness, and a tactile connection.



LUXURY CEMENT GREY





UPTOWN LIGHT



LUXURY CEMENT
GREY



LUXURY CEMENT
MINK



LUXURY CEMENT
TAUPE



LUXURY CEMENT
ANTHRACITE

| | mm | Matte | Soft Matte |
|------------|----|-------|---------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|---------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|---------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|---------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | | | | | | | | | | |
|-------------------|--------|---------|-----------|----------|--------|---------|------------|------|-------|--------------------|
| | | | | | | | | | | |
| Interior & Design | Facade | Kitchen | Furniture | Bathroom | Indoor | Outdoor | Commercial | Wall | Floor | Uniform Appearance |

100x300cm, 120x360cm and 160x320cm are rectified sizes.

The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.



LUXURY CEMENT
CEMENTO



UPTOWN DARK



UPTOWN LIGHT



WOODLINE WALNUT

| | mm | Matte | Soft Matte |
|------------|---------|--------|---------------|
| 100x300 cm | 3 5 | • • | |
| 120x360 cm | 3 5 | • • | |
| 160x320 cm | 6 12 | | • |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|--------|---------------|
| 100x300 cm | 3 5 | • • | |
| 120x360 cm | 3 5 | • • | |
| 160x320 cm | 6 12 | | • |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|--------|---------------|
| 100x300 cm | 3 5 | • • | |
| 120x360 cm | 3 5 | • • | |
| 160x320 cm | 6 12 | | • |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|--------|---------------|
| 100x300 cm | 3 5 | • • | |
| 120x360 cm | 3 5 | • • | |
| 160x320 cm | 6 12 | | • |
| 162x323 cm | 20 | | |



Interior &
Design



Facade



Kitchen



Furniture



Bathroom



Indoor



Outdoor



Commercial



Wall



Floor



Uniform
Appearance

100x300cm, 120x360cm and 160x320cm are rectified sizes.

The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.



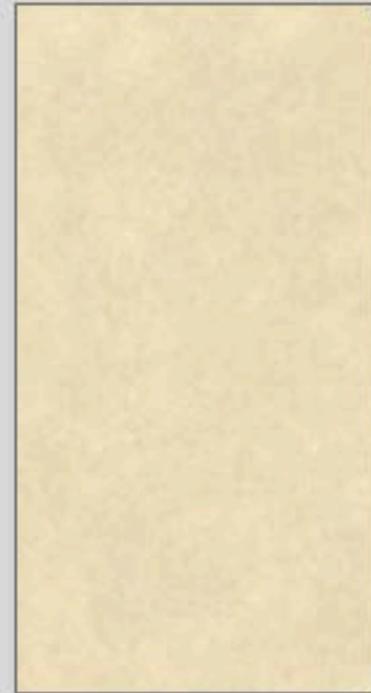
METALLIC ANTHRACITE



METALLIC ANTHRACITE



FOSSIL CREAM



LECCESE LIGHTSTAND

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |



Interior & Design



Facade



Kitchen



Furniture



Bathroom



Indoor



Outdoor



Commercial



Wall



Floor



Uniform Appearance

100x300cm, 120x360cm and 160x320cm are rectified sizes.

The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.

CHOOSE YOUR **DIAMME**

DESIRE.

Crafted for ambition.

Represents progress, functionality, and smart design. These are surfaces built for modern lifestyles and driven spaces workspaces, retail, education, institutions.



PIETRA NERO

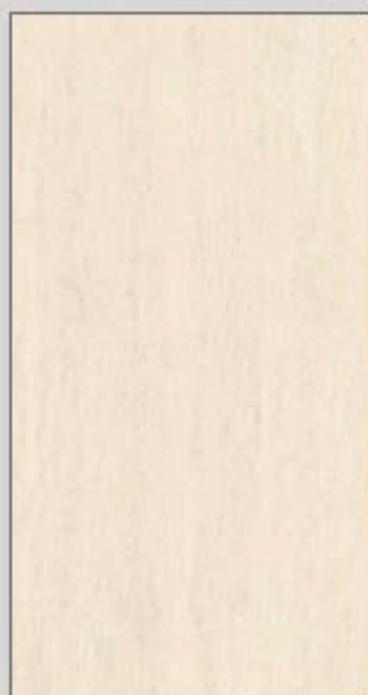




METAL CORTEN



BRERA CREME



LIMESTONE



METAL DARK



METAL COPPER

| | mm | Matte | Soft Matte |
|------------|---------|-------|---------------|
| 100x300 cm | 3 5 | * | * |
| 120x360 cm | 3 5 | * | * |
| 160x320 cm | 6 12 | | * |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|-------|---------------|
| 100x300 cm | 3 5 | * | * |
| 120x360 cm | 3 5 | * | * |
| 160x320 cm | 6 12 | | * |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|-------|---------------|
| 100x300 cm | 3 5 | * | * |
| 120x360 cm | 3 5 | * | * |
| 160x320 cm | 6 12 | | * |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|-------|---------------|
| 100x300 cm | 3 5 | * | * |
| 120x360 cm | 3 5 | * | * |
| 160x320 cm | 6 12 | | * |
| 162x323 cm | 20 | | |



Interior & Design



Facade



Kitchen



Furniture



Bathroom



Indoor



Outdoor



Commercial



Wall



Floor



Uniform Appearance

100x300cm, 120x360cm and 160x320cm are rectified sizes.

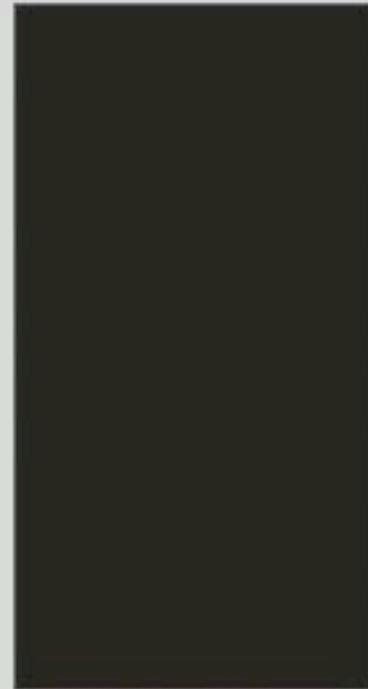
The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.



METAL CORTEN



SHELLWOOD DARK



MEGA BLACK



FLARE DARK

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | • | |
| | 5 | • | |
| 120x360 cm | 3 | • | |
| | 5 | • | |
| 160x320 cm | 6 | | • |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | • | |
| | 5 | • | |
| 120x360 cm | 3 | • | |
| | 5 | • | |
| 160x320 cm | 6 | | • |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | • | |
| | 5 | • | |
| 120x360 cm | 3 | • | |
| | 5 | • | |
| 160x320 cm | 6 | | • |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | • | |
| | 5 | • | |
| 120x360 cm | 3 | • | |
| | 5 | • | |
| 160x320 cm | 6 | | • |
| | 12 | | |
| 162x323 cm | 20 | | |



Interior & Design



Facade



Kitchen



Furniture



Bathroom



Indoor



Outdoor



Commercial



Wall



Floor



Uniform Appearance

100x300cm, 120x360cm and 160x320cm are rectified sizes.

The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.



SHELLWOOD DARK



FLARE GREY



PULPIS



PIETRA NERO

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |



Interior & Design



Facade



Kitchen



Furniture



Bathroom



Indoor



Outdoor



Commercial



Wall



Floor



Uniform Appearance

100x300cm, 120x360cm and 160x320cm are rectified sizes.

The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.

CHOOSE YOUR **DIAMME**

ASPIRE.

Experimentation meets creativity.

The design-forward, imaginative category.
Perfect for designers and architects
looking to create one-of-a-kind spaces.



The PARK
Hotel

RAPOLANO





CALCARIO GREIGE





CALACATTA UNIQUE



**EARTH RAPOLANO
IVORY**



**EARTH RAPOLANO
SILVER**



**EARTH TRAVERTINE
IVORY**



**EARTH TRAVERTINE
SILVER**

| | mm | Matte | Soft Matte |
|------------|---------|-------|---------------|
| 100x300 cm | 3 5 | * | * |
| 120x360 cm | 3 5 | * | * |
| 160x320 cm | 6 12 | | * |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|-------|---------------|
| 100x300 cm | 3 5 | * | * |
| 120x360 cm | 3 5 | * | * |
| 160x320 cm | 6 12 | | * |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|-------|---------------|
| 100x300 cm | 3 5 | * | * |
| 120x360 cm | 3 5 | * | * |
| 160x320 cm | 6 12 | | * |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|---------|-------|---------------|
| 100x300 cm | 3 5 | * | * |
| 120x360 cm | 3 5 | * | * |
| 160x320 cm | 6 12 | | * |
| 162x323 cm | 20 | | |



**Interior &
Design**



Facade



Kitchen



Furniture



Bathroom



Indoor



Outdoor



Commercial



Wall



Floor



**Uniform
Appearance**

100x300cm, 120x360cm and 160x320cm are rectified sizes.

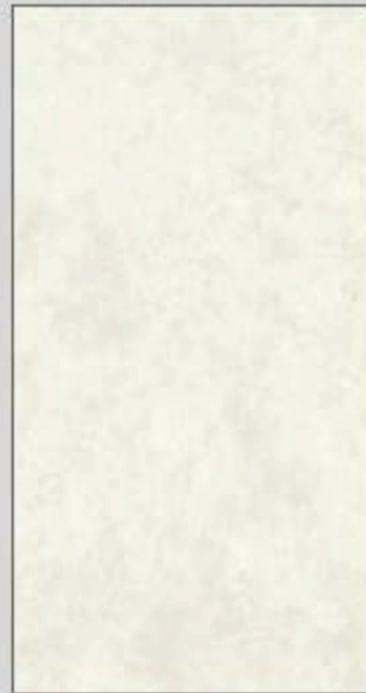
The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.



CALCARIO GREIGE



HERAKLIA BLACK STR



**LUXURY CEMENT
WHITE STR**



**INNOVATION
WHITE STR**

| | mm | Matte | Soft Matte |
|------------|----|-------|---------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|---------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|---------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|---------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | |
| 162x323 cm | 20 | | |



**Interior &
Design**



Facade



Kitchen



Furniture



Bathroom



Indoor



Outdoor



Commercial



Wall



Floor



**Uniform
Appearance**

100x300cm, 120x360cm and 160x320cm are rectified sizes.

The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.



EARTH RAPOLANO IVORY



MEGA WHITE



CALACATTA UNIQUE

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | * |
| 162x323 cm | 20 | | |

| | mm | Matte | Soft Matte |
|------------|----|-------|------------|
| 100x300 cm | 3 | * | |
| | 5 | * | |
| 120x360 cm | 3 | * | |
| | 5 | * | |
| 160x320 cm | 6 | | * |
| | 12 | | * |
| 162x323 cm | 20 | | |



Interior & Design



Facade



Kitchen



Furniture



Bathroom



Indoor



Outdoor



Commercial



Wall



Floor



Uniform Appearance

100x300cm, 120x360cm and 160x320cm are rectified sizes.

The use of polished products in areas with heavy pedestrian traffic is not recommended. Surfaces in 5mm, 6mm and 12mm thicknesses will be manufactured on a made-to-order basis, subject to project specifications and production feasibility.

CERTIFICATES





BREEAM®



PROJECT PICTURES



VANDAN BUILDING



RUNWAL



KHAJURAHO



KLP



THE DISTRICT



A.J. ARCHITECTS





VILLA VUE

Kalesinterflex 100*300 - 120*360

3mm Technical Specifications

| | Norm - Test Method | Requirements for Nominal Size N | |
|---|--------------------|----------------------------------|--------------------|
| | | N≥15cm | |
| | | % (for rectified) | mm (for rectified) |
| Length and width | ISO 10545-2 | ± 0,3 | ± 1 |
| Thickness | | ± 0,5 | ± 0,5 |
| Straightness of sides | | ± 0,3 | ± 0,8 |
| Rectangularity (Measurement only on short edges when L/l ≥ 3) | | ± 0,3 | ± 1,5 |
| Surface flatness | | c.c. ± 0,4 | c.c. ± 1,8 |
| | | e.c. ± 0,4 | e.c. ± 1,8 |
| | | w. ± 0,4 | w. ± 1,8 |
| Water absorption | ISO 10545-3 | Ev ≤ 0,5% Individual max 0,6% | |
| Breaking strength (Thickness < 7,5mm) | ISO 10545-4 | Not less than 700 N | |
| Modulus of rupture | | R ≥ 35 N/mm ² | |
| Impact resistance, as coefficient of restitution | ISO 10545-5 | Declared value | |
| Resistance to deep abrasion of unglazed tiles (removed volume) | ISO 10545-6 | ≤ 175mm ³ | |
| Coefficient of thermal linear expansion | ISO 10545-8 | Declared value | |
| Thermal shock resistance | ISO 10545-9 | Pass according to EN ISO 10545-1 | |
| Moisture expansion | ISO 10545-10 | Declared value | |
| Frost resistance | ISO 10545-12 | Pass according to EN ISO 10545-1 | |
| Bond strength / adhesion for improved cementitious adhesives | EN 1348 | Declared value | |
| Reaction to fire | - | A1 or Afl | |
| Resistance to household chemicals and swimming pool salts | ISO 10545-13 | Minimum Class B | |
| Resistance to low concentrations of acids and alkalis | | Declared value | |
| Resistance to high concentrations of acids and alkalis | | Declared value | |
| Resistance to staining | ISO 10545-14 | Declared value | |
| Release of dangerous substances: cadmium (in mg/dm ²) and lead (in mg/dm ²) | ISO 10545-15 | Declared value | |

Kalesinterflex 100*300 - 120*360

5mm Technical Specifications

| | Norm - Test Method | Requirements for Nominal Size N | |
|--|--------------------|----------------------------------|--------------------|
| | | N≥15cm | |
| | | % (for rectified) | mm (for rectified) |
| Length and width | ISO 10545-2 | ± 0,3 | ± 1 |
| Thickness | | ± 0,5 | ± 0,5 |
| Straightness of sides | | ± 0,3 | ± 0,8 |
| Rectangularity (Measurement only on short edges when L/l ≥ 3) | | ± 0,3 | ± 1,5 |
| Surface flatness | | c.c. ± 0,4 | c.c. ± 1,8 |
| | | e.c. ± 0,4 | e.c. ± 1,8 |
| | | w. ± 0,4 | w. ± 1,8 |
| Water absorption | ISO 10545-3 | Ev ≤ 0,5% Individual max 0,6% | |
| Breaking strength (Thickness < 7,5mm) | ISO 10545-4 | Not less than 700 N | |
| Modulus of rupture | | R ≥ 35 N/mm ² | |
| Impact resistance, as coefficient of restitution | ISO 10545-5 | Declared value | |
| Resistance to deep abrasion of unglazed tiles (removed volume) | ISO 10545-6 | ≤ 175mm ³ | |
| Coefficient of thermal linear expansion | ISO 10545-8 | Declared value | |
| Thermal shock resistance | ISO 10545-9 | Pass according to EN ISO 10545-1 | |
| Moisture expansion | ISO 10545-10 | Declared value | |
| Frost resistance | ISO 10545-12 | Pass according to EN ISO 10545-1 | |
| Bond strength / adhesion for improved cementitious adhesives | EN 1348 | Declared value | |
| Reaction to fire | - | A1 or Afl | |
| Resistance to household chemicals and swimming pool salts | ISO 10545-13 | Minimum Class B | |
| Resistance to low concentrations of acids and alkalis | | Declared value | |
| Resistance to high concentrations of acids and alkalis | | Declared value | |
| Resistance to staining | ISO 10545-14 | Declared value | |
| Release of dangerous substances: ccadmium (in mg/dm ²) and lead (in mg/dm ²) | ISO 10545-15 | Declared value | |