

**KalingaStone®**

TERRAZZO, MARBLE & QUARTZ  
PORCELAIN SURFACES

*Elevate*  
your design

PORCELAIN COLLECTION  
FROM TURKEY AND SPAIN






**Kalinga***Stone*<sup>®</sup>

TERRAZZO, MARBLE & QUARTZ

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PORCELAIN SURFACES



Add a design edge to your creations with exquisite international porcelain slim slabs – Kalesinterflex and Techlam. Through Kalesinterflex, we bring to you the culture and charm of Turkish craftsmanship. Whereas Techlam tiles originate from the hub of architectural innovation, Spain. Offering a plethora of designs, textures and colors, these slim slabs will add to your living spaces unmatched luxury and sophistication. As both brands continue to push the boundaries of creativity, the sky's the limit for your design dreams! Enjoy a vast expanse of magnificent choices with:

**Kalesinterflex®** | **TECHLAM®**  
PORCELAIN SLIM SLABS

# Features

## Everything that must be in a ceramic tile and more...

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.



### FIRE RESISTANCE (A1 Class)

Kalesinterflex is totally fire resistant and non-flammable.



### 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.



### ANTI-GRAFFITI

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



### 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.



### PHOTOCATALYTIC

Kalesinterflex is photocatalytic thanks to its Kaleguard surface. Kalesinterflex cleans itself with rain and sunlight.



### FOOD GRADE

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 TÜBITAK. (The Scientific and Technological Research Council of Turkey)



### ECO-FRIENDLY

Produced with an environmentally-friendly technology, Kalesinterflex has the Ecospecifier certificate. The gas and dust emission of Kalesinterflex is 20 times less, and CO<sub>2</sub> emission is 1000 times less, than those of traditional ceramic production processes.



### UV RESISTANT

Kalesinterflex is coated with UltraViolet protection technology to block harmful radiation and ensure increased durability.

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





*Give wings*  
to your  
imagination

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**Kalesinterflex®**  
PORCELAIN SLIM SLABS



SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## LUXURY CEMENT



MINK



CEMENTO



GREY

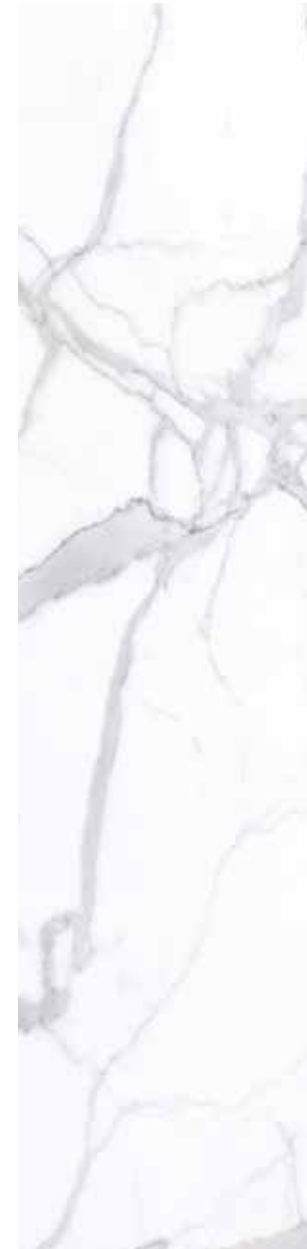


SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## MARBLE



PULPIS



NATURAL CALACATTA  
ORO - KALOS BIANCO



NATURAL  
TRAVENTINO  
BEIGE- BARI



# UPTOWN



SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm



UPTOWN LIGHT



UPTOWN DARK





SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## TRANSLUCENT



ONYX TRANSLUCENT

## EDILGRES PIETRA



CHATTILONIS



TOSCANA

## INNOVATION



MEGA BLACK

## NATURAL STONE



FOSSIL CREAM

## LEGNO

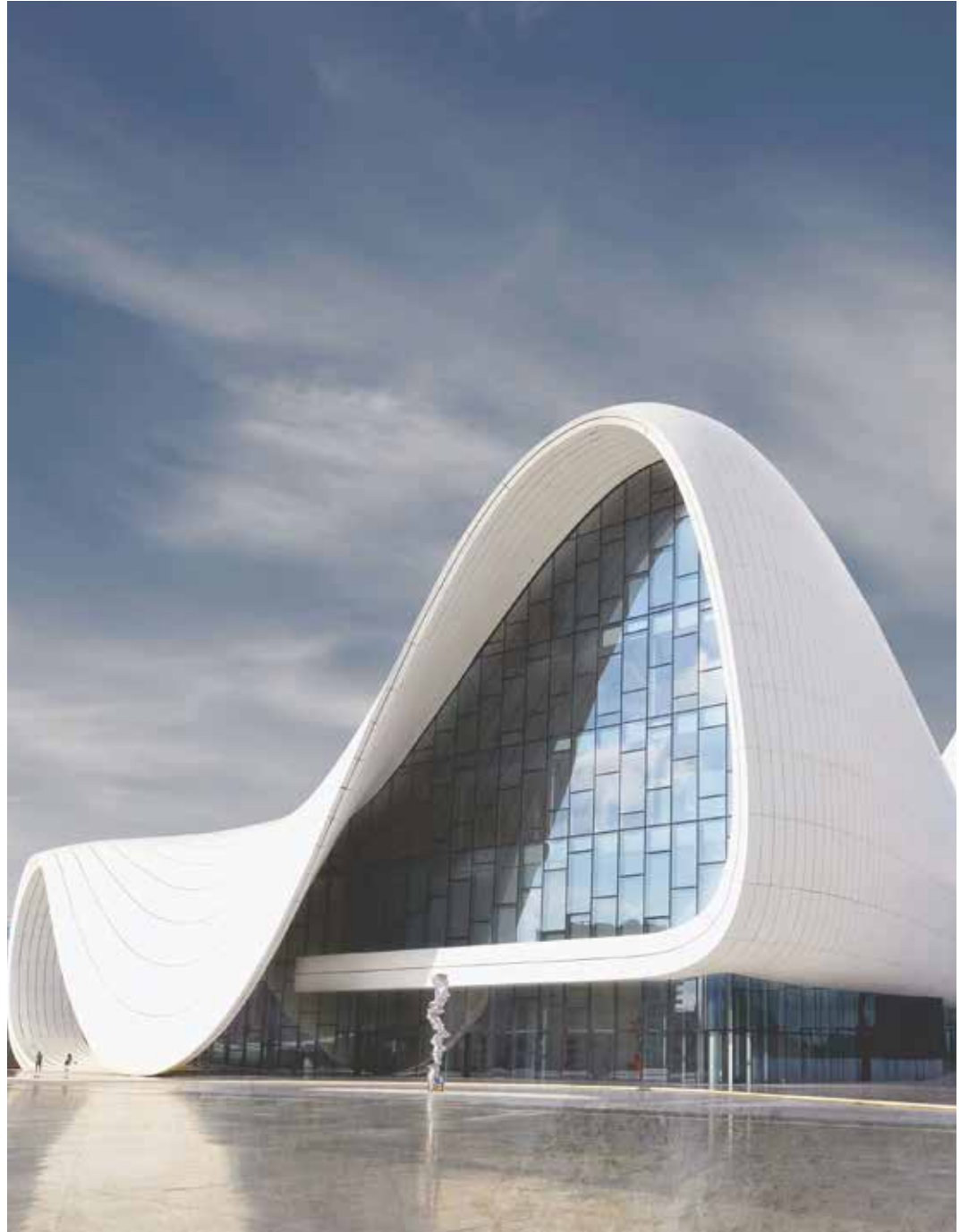


WOOD WALNUT

## PROJECTS REFERENCES







Infinite, unimaginable and incredible  
*design* possibilities

**TECHLAM®**





SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## STONE COLLECTION



STRATTOS  
NATURAL FINISH





SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## VULCANO COLLECTION



VULCANO CENIZA

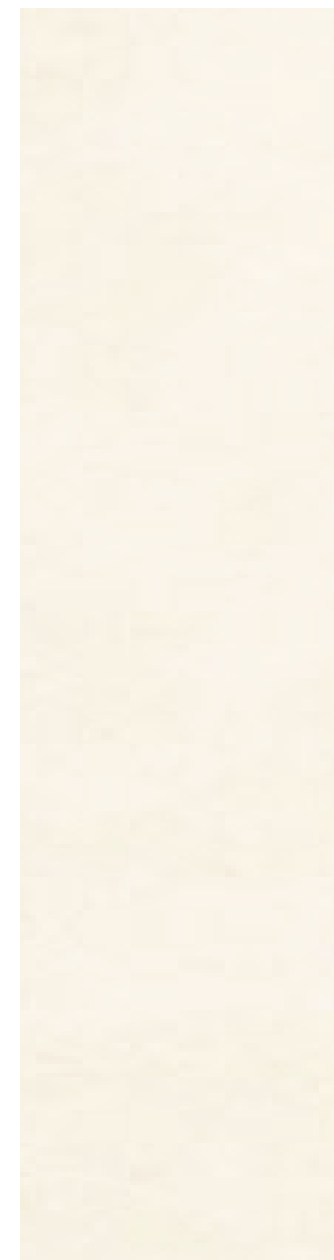


SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## HYDRA COLLECTION



HYDRA ARGENT

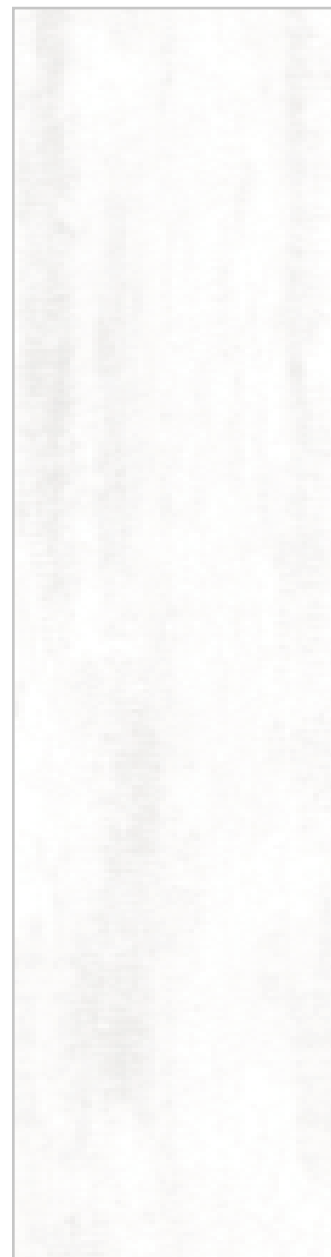


HYDRA BEIGE



SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## BLAZE COLLECTION



BLAZE SNOW



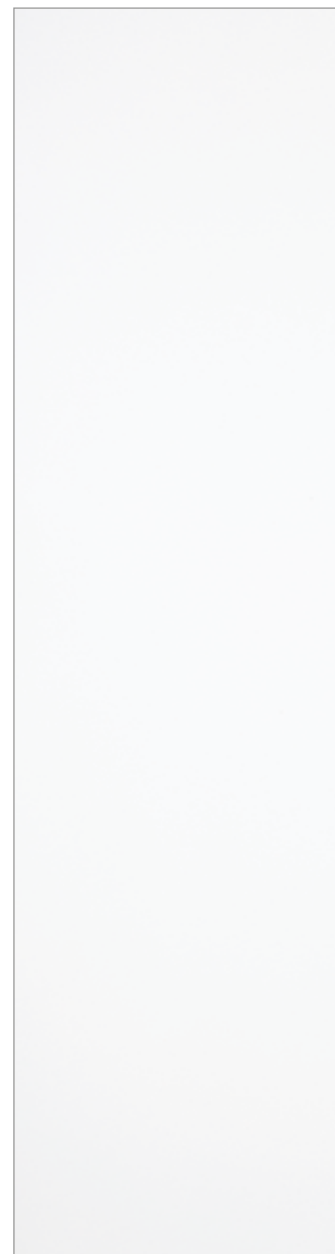
BLAZE GREY



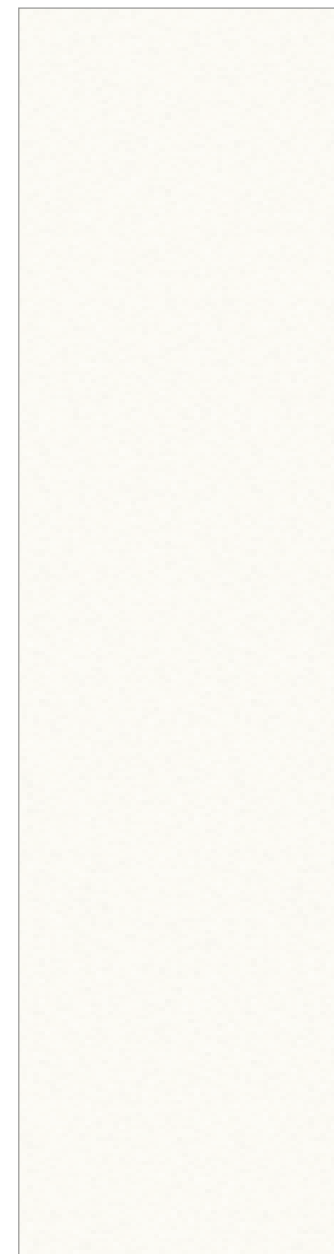


SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

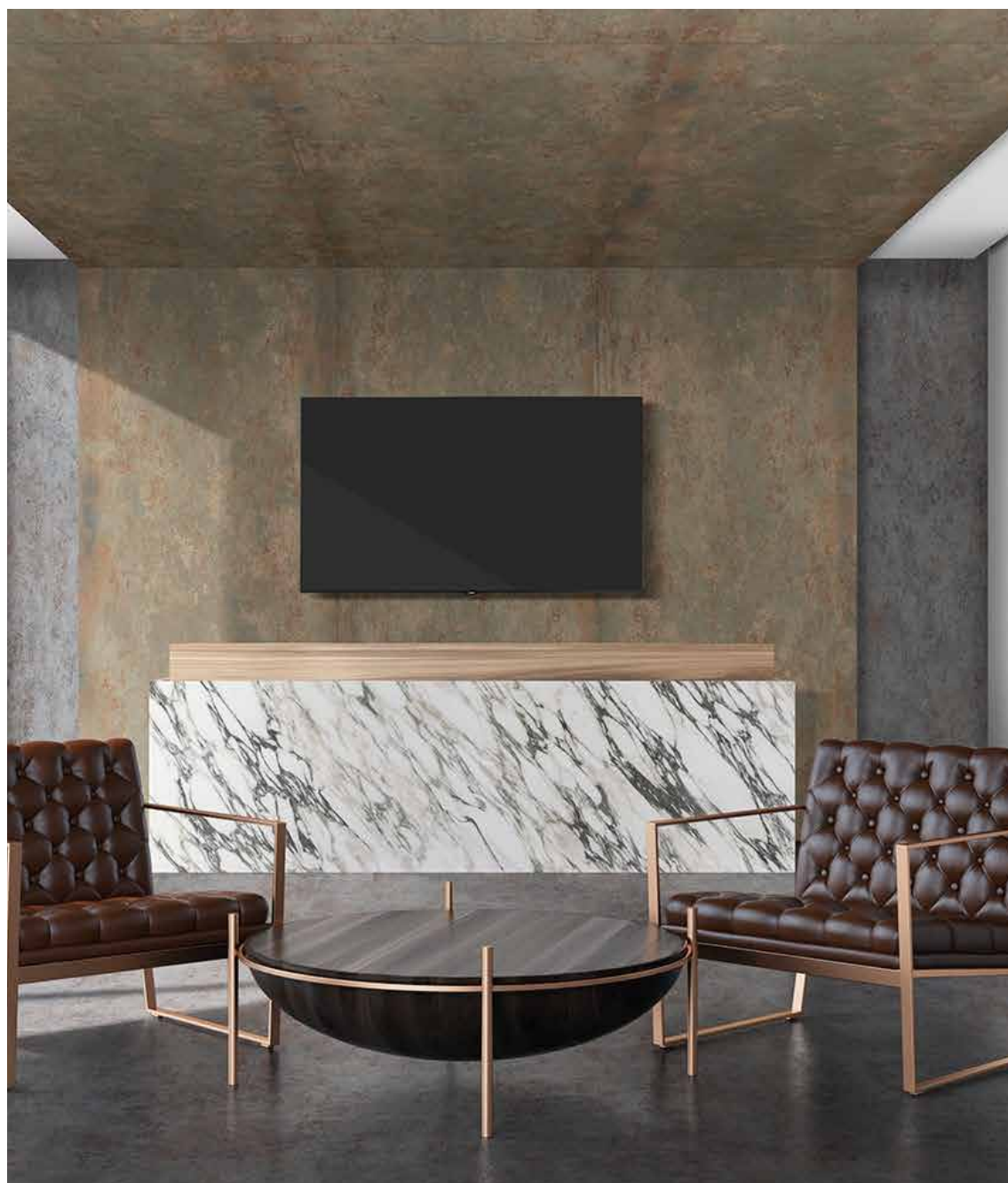
## BASIC COLLECTION



BASIC ICE



BASIC NEU



SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## METALLO COLLECTION



METALLO CORTEN



METALLO DARK



SLAB SIZE: 3000 mm x 1000 mm | Thickness 3 mm & 5 mm

## METALLO COLLECTION



METALLO PEARL





SLAB SIZE: 3000 mm x 3000 mm | Thickness 3 mm & 5 mm

## STEEL COLLECTION



STEEL CHROME



STEEL BRASS



SLAB SIZE: 3000 mm x 3000 mm | Thickness 3 mm & 5 mm

## STEEL COLLECTION



STEEL CORTEN  
(BROWN)



STEEL DARK  
(BLACK)





SLAB SIZE: 3000 mm x 3000 mm | Thickness 3 mm & 5 mm

## STEEL COLLECTION



STEEL MARINE



# PROJECTS REFERENCES





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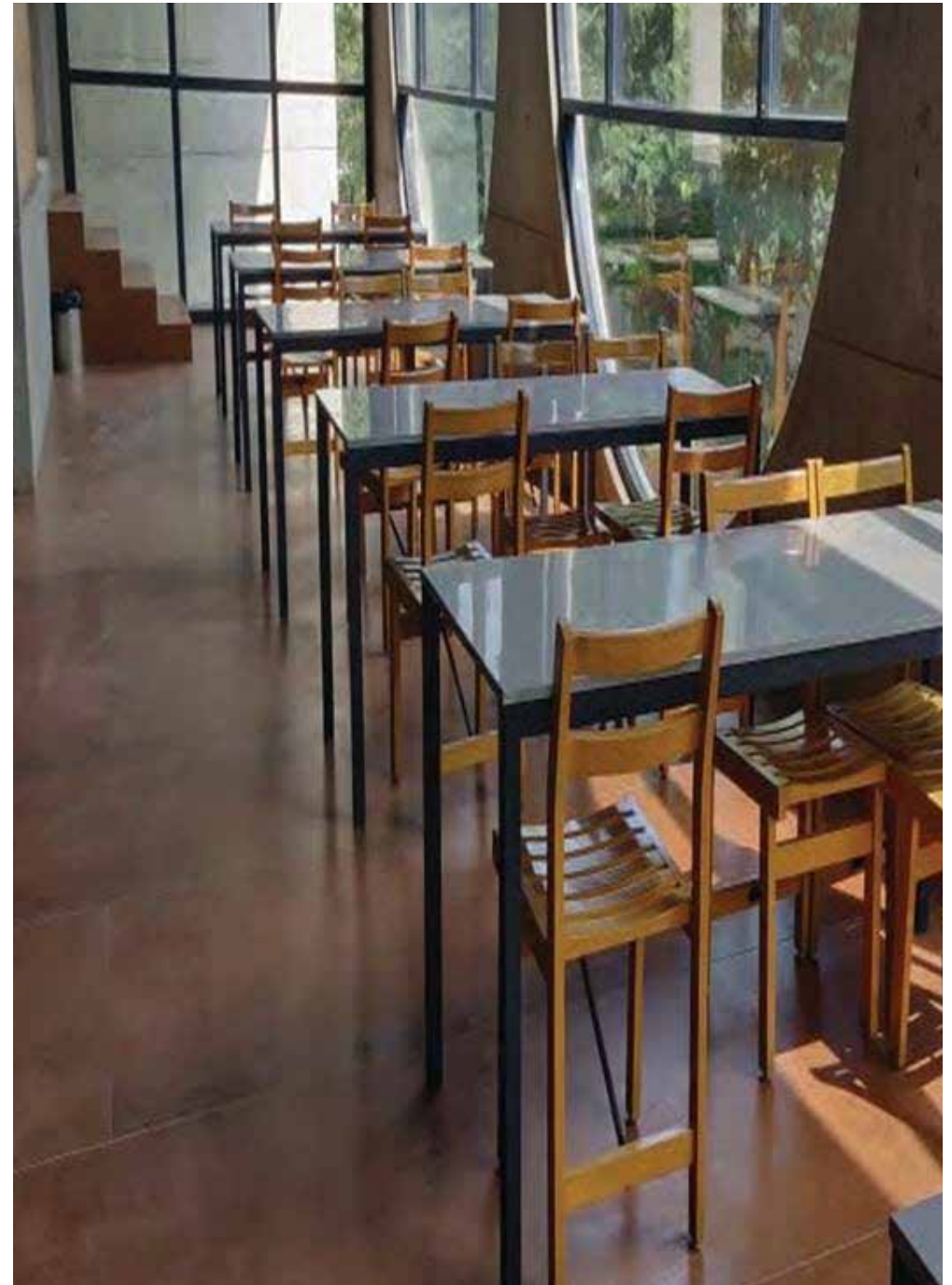


## PROJECTS REFERENCES





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# KALESINTERFLEX TECHNICAL SPECIFICATION TABLE

EN	TECHNICAL CHARACTERISTICS	TURKISH and EUROPEAN STANDARD TS-EN 14411 ANNEX-G GL GROUP BI.	Sinterflex
ISO 10545-2	Length and width	N ≥ 15 cm ; The permissible deviation of the average size for each tile from the work size (W) ± %0,6 & ± 2,00 mm	-
	Thickness	±%5	±3%
	Rectangularity	-	-
	Straghtness of Sides	-	-
	Surface Flatness	-	-
ISO 10545-3	Water Absorbion	E ≤ 0,5 % Individual max. % 0,6	E ≤ 0,3 %
ISO 10545-4	Breaking strength,in N	Thickness ≥ 7,5 mm ; Not less than 1300	-
		Thickness < 7,5 mm ; Not less than 700	> 700 N
	Modules of Rupture (N/mm²)	Min.35 Individual min.32	> 50 N/mm²
ISO 10545-5	Impact Resistance	Test method available	AFFIRMATIVE
ISO 10545-6	Resistance to Deep abrasion-Unglazed Tiles Only	Max.175 mm³	< 135 mm³
ISO 10545-8	Linear Thermal Expansion Coefficient	Test method available	5.9977E-06
ISO 10545-9	Resistance to Thermal Shock	Test method available	AFFIRMATIVE
ISO 10545-12	Frost Resistance	Required	RESISTANT
ISO 10545-13	Resistance to chemical	Manufacturer to state classification	AFFIRMATIVE
	Resistance to low concantrations of acids and alkalis		
	Unglazed Tiles		
	Resistance to high concantrations of acids and alkalis	Test method available	AFFIRMATIVE
	Unglazed Tiles		
	Resistance to household chemicals and swimming pool salts		
	Unglazed Tiles	Min.B	A - A
ISO 10545-14	Resistance to Staining	Manufacturer to state classification	AFFIRMATIVE
	Unglazed Tiles		
	Stains leaving a trace (pastes): Green staining agent in light oil		
	Stains having chemical / oxidizing action: Lodine, 13 g/l solution in alcohol		
	Stains forming a film: Olive oil		



Kaleseramik Çanakkale Kalebodur Seramik San. A.Ş. 17430 Çan/Çanakkale 5 004CPR-DOP2013

**EN 14411** Kuru Preslenmiş Sırlı Porselen Karo, Su emmesi E ≤ 0,5% olan, iç ve dış mekan duvar ve yer kaplamaları için //

Dry-pressed glazed porcelain tiles, with water absorption E ≤ 0,5%, for internal and external wall and floorings

Yangına Dayanım // Reaction to fire

A1/A1-L

Açığa Çıkan Tehlikeli Maddeler // Release of dangerous substances, for:

- Kadmium // Cadmium

NPD

- Kurşun // Lead

NPD

Breaking strength // Kırılma

Kalınlık /Thickness t27,5mm BS>1300 N

Dayanımı

Kalınlık //Thickness t<7,5mm BS>700 N

Çimentolu yapıştırıcılar, tip C2// Cementitious adhesive, type C2

≥1,0 N/mm2

Kayma Direnci // Slipperiness, as

DoP'da deklere edilmiştir. // Declaired at DOP

Dayanıklılık // Durability for:

İç mekan kullanımı // internal use:

Pass / Geçer

- Dış mekan kullanımı donma - erime çevrimine dayanıklılık // external use: freeze-thaw resistance

Pass II Geçer

Dokunabilirlik //Tactility

NPD

Termal Şok Dayanımı // Thermal Shock Resistance

Pass II Geçer

QUALITY MANAGER



## TECHLAM PORCELAIN (3MM) TECHNICAL SPECIFICATIONS

Physical-Chemical Properties	Standard	Required Value	Average Grande Porcellana (3mm) rating
Water absorption	UNE EN ISO 10545-3	Max. 05%	0.4%
Flexion resistance	LUNE EN ISO 10545/5-4	Min. 35 N/mm2	54N/mm2
Resistance to deep abrasion	UNE EN ISO 10545-6	Max. 175 mm3	139 mm3
Surface hardness (MOHS scale)	LINE EN ISO 67-101	Test method is available	7
Resistance to chemical attack	UNE EN ISO 10545-13	No sample should present signs of chemical attack	No visible defects
Frost resistance	UNE EN ISO 10545-12	No sample should visible defects	No visible defects
Fire resistance	Commission Decision 96/603/EC	Tested method is available	A1(Fire resistant)
Resistance (Coefficient of restitution)	UNE EN ISO 10545-5	Tested method is available	0.77
Stain resistance	UNE EN ISO 10545-14	Tested method is available	Class 5, Stain cleaned with hot water
Slip resistance (fiction coefficient)	UNE ENV 12633	Tested method is available	Rd 26 (Class 1)
Resistance to thermal shock	UNE EN ISO 10545-9	Tested method is available	No visible defects

- The manufacturing process uses mineral-based raw materials, and none which are organic and petroleum-based.
- It does not give off substances into the surrounding environment.
- The most environmentally sound electrical energy is used in the firing processes.
- It can be molded and recycled in other production processes.
- Less energy is consumed per square meter than a conventional tile due to the 3 mm. thickness, compared to 10 mm in a regular tile.
- We save a great deal of energy in shipping as the tiles weigh so little that we can load up to 3000 m2 in a container or truck.

# PROJECTS REFERENCES





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PORCELAIN SURFACES

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**Kalingastone Factory:**

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