



**# LAMINAR**  
Vitrified Tiles



**CENTO**  
FULLBODY COLLECTION

**100% FULLBODY VITRIFIED TILES**  
600x600mm | 600x1200mm | 300x1200mm

# INDESTRUCTIBLE

## HEAVY DUTY TILES NEVER LOOKED SO GOOD

Inspired by the permanence of nature,  
Laminar's fullbody tiles are Indestructible.



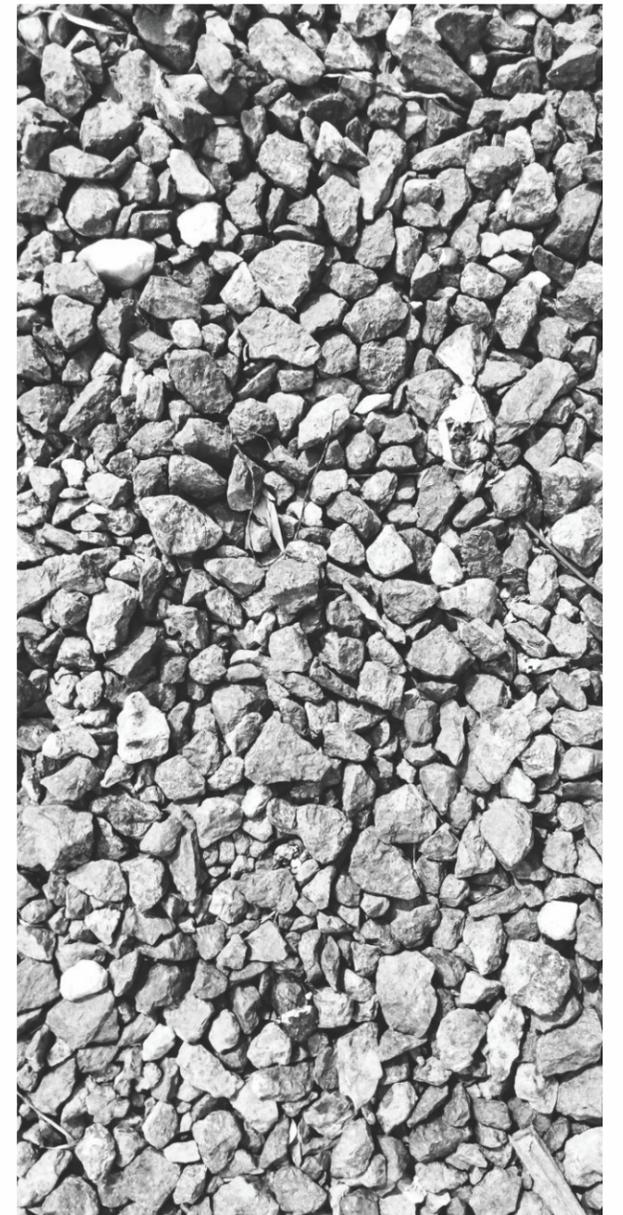
Fullbody Tiles, also known as Technical Ceramics, is the future of tiles. It is widely used in areas of heavy foot traffic, parking, staircases, counter tops, and generally, as a replacement for natural stones.

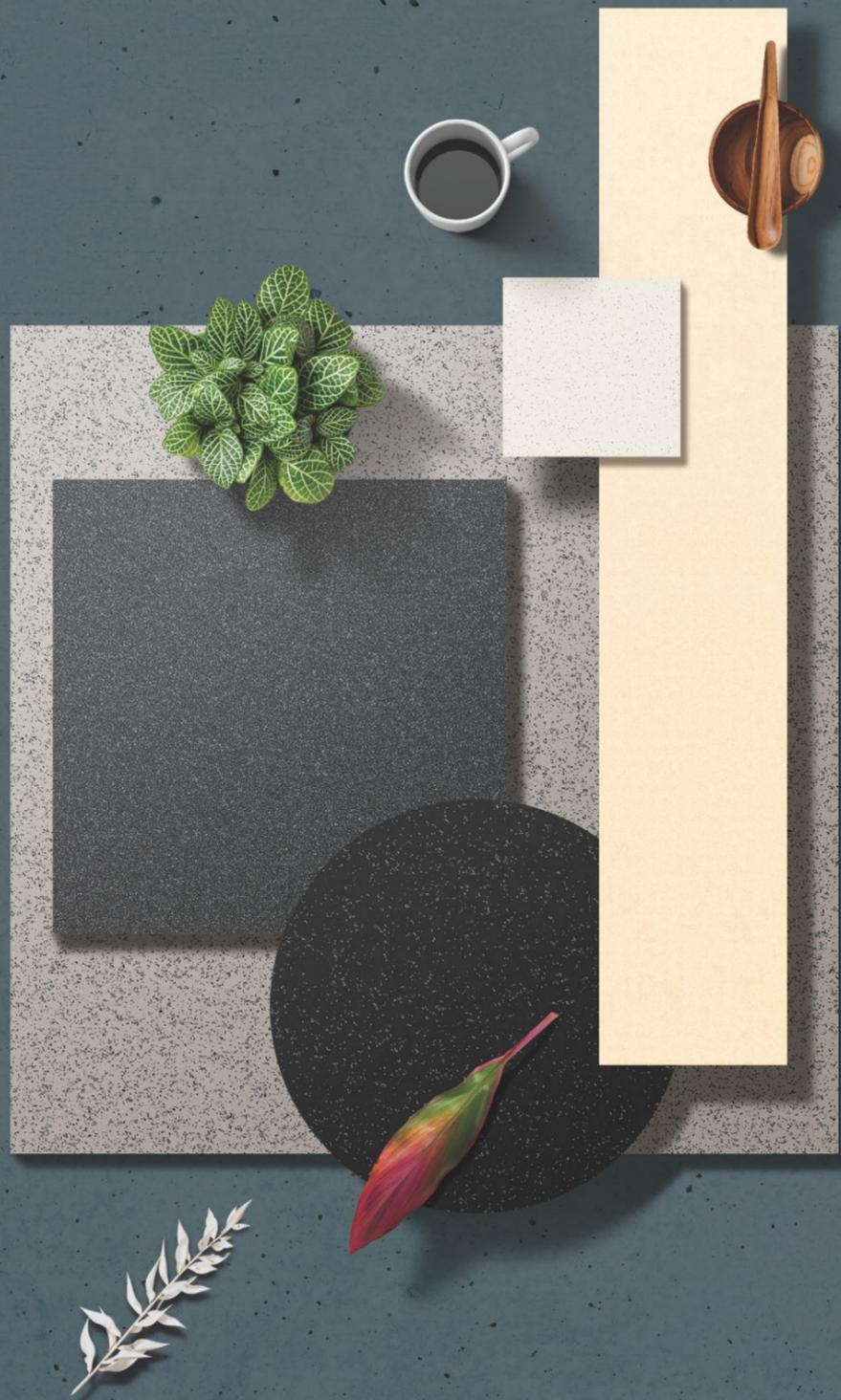
These tiles are made using washed feldspar, quartz, talc, silica and clay for greater purity. After these ingredients are milled into a slurry, color is added.

The slurry is sprayed into a dry powder and stored in dedicated silos to prevent contamination. Then, dry powders of multiple colors are mixed in pre-defined ratios and pressed to achieve the signature salt & pepper look.

Coated with only a top layer, fullbody tiles are then fed into the kiln and fired at 1200°C, ensuring exceptional strength and unmatched durability.

The homogenous nature of fullbody tiles allows it to withstand any amount of wear & tear without fading. Chipping, a concern for regular tiles, becomes a non-factor in fullbody tiles. Fullbody tiles can be moulded or even repolished to make it truly evergreen and versatile.





**#LAMINAR**  
Vitrified Tiles

INTRODUCING  
THE **CENTO FULLBODY** COLLECTION

2

**SURFACES**

MATT  
TEXTURED MATT

3

**SIZES**

600x600mm  
600x1200mm  
300x1200mm

3

**THICKNESSES**

8.5mm  
12mm  
15mm

## RANGE OF POSSIBLE APPLICATIONS



Residential



Commercial Building



Hospital



Airport



Parking



Hotel, Café & Restaurant



Industries



School & College



Staircase

## FEATURES



Wear & Tear Proof



Scratch Resistant



Easy to Clean



Impact Resistant

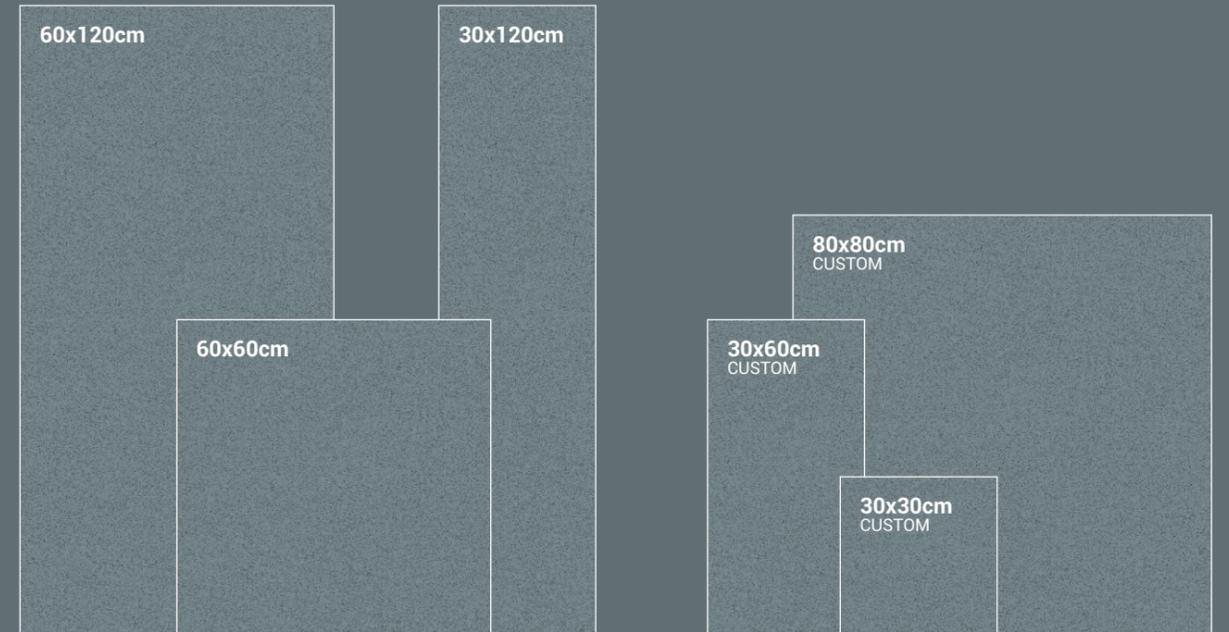


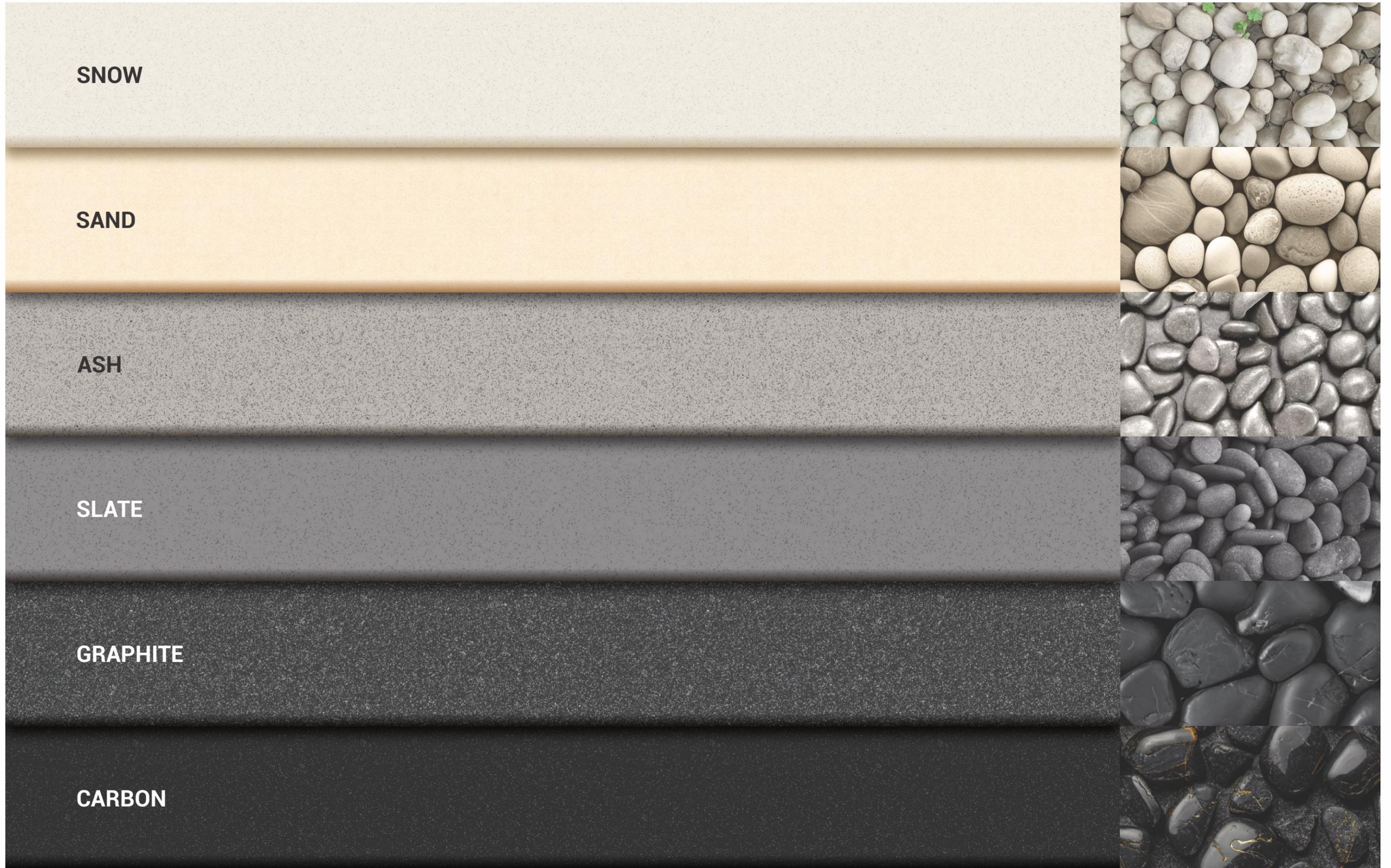
Stain Resistant



Anti Skid

## AVAILABLE SIZES





## CENTO FULLBODY COLLECTION STORY

The Cento Collection redefines longevity with fullbody vitrified tiles. Derived from the Italian word for "100," the collection symbolizes perfection, delivering a homogeneous design throughout its structure.

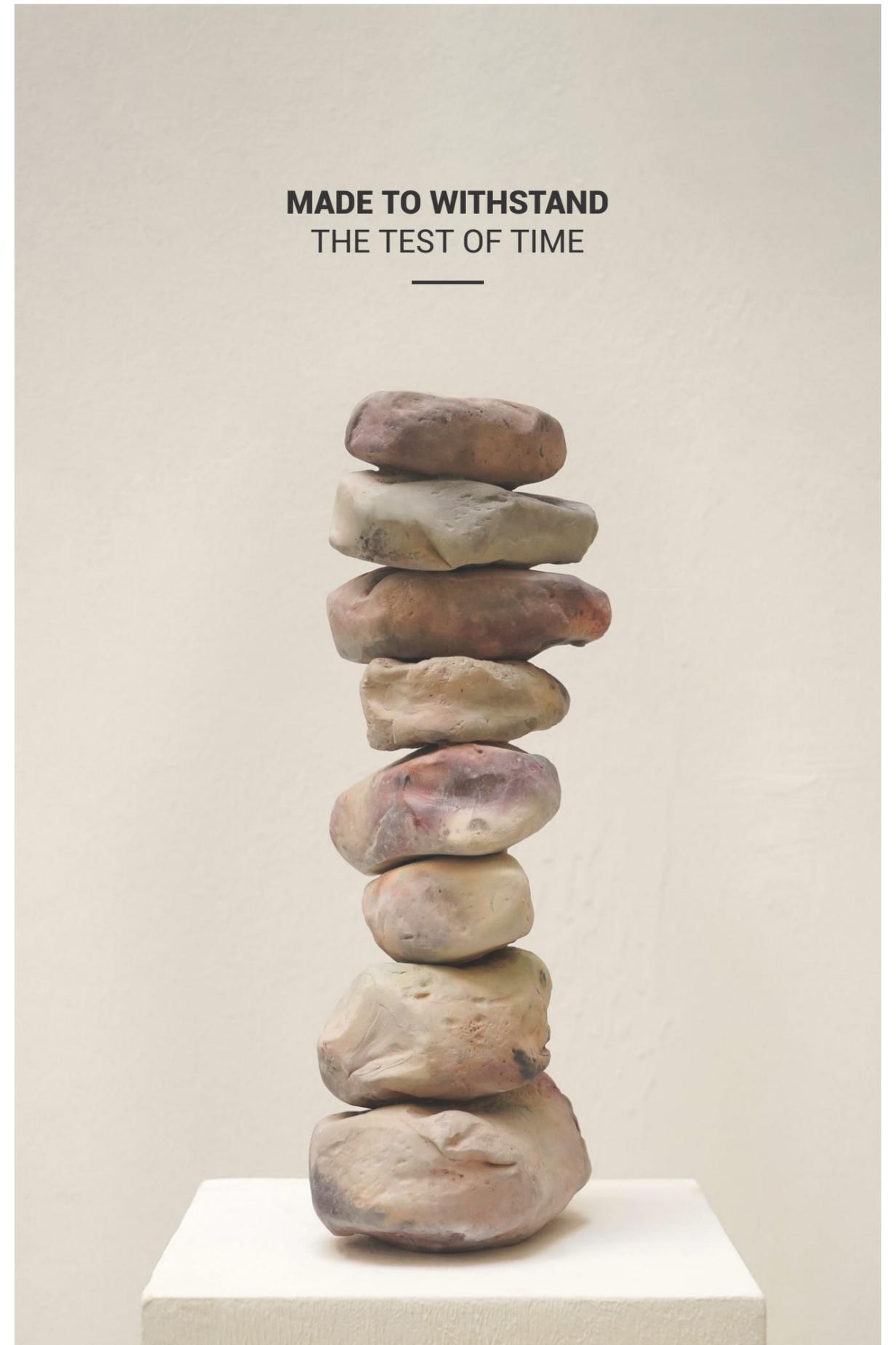
Inspired by nature's enduring elements—Snow, Sand, Ash, Graphite, and Carbon—Cento seamlessly blends the organic elegance of stone with advanced vitrification technology. Crafted with state-of-the-art technology, Cento tiles meet rigorous international standards, offering exceptional durability in both, interior and exterior settings.

Positioned against granite or marble, Cento tiles provide greater ease of maintenance, cost-efficiency, and versatility, while delivering the same luxurious appearance.

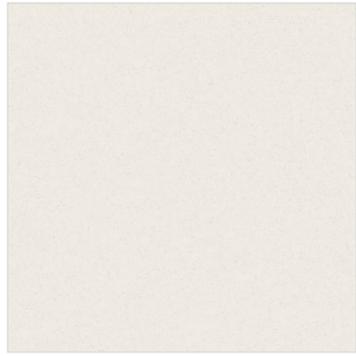
Cento's homogenous body can endure chipping, grooving and moulding to elevate spaces while exhibiting extraordinary resistance to wear and tear. Cento delivers unmatched reliability, effortless maintenance, and timeless appeal, exemplifying the art of better living.

**MADE TO WITHSTAND  
THE TEST OF TIME**

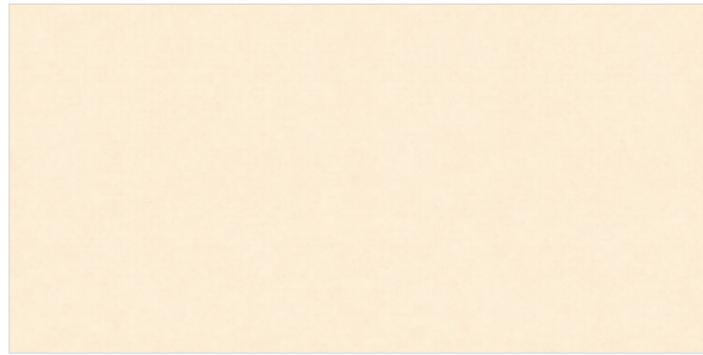
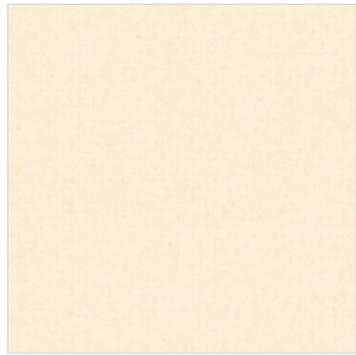
---



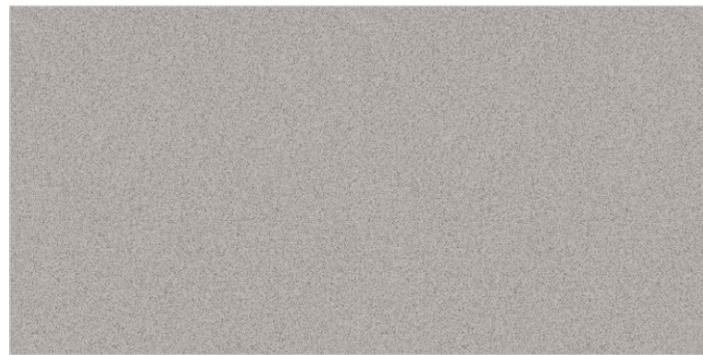
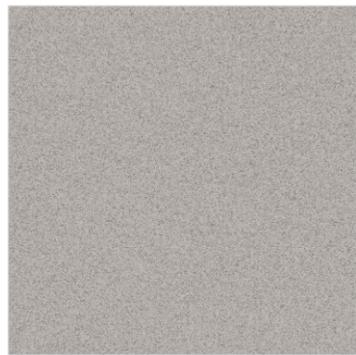
Sizes  
600x600mm | 600x1200mm | Body  
Fullbody | Thickness  
8.5mm



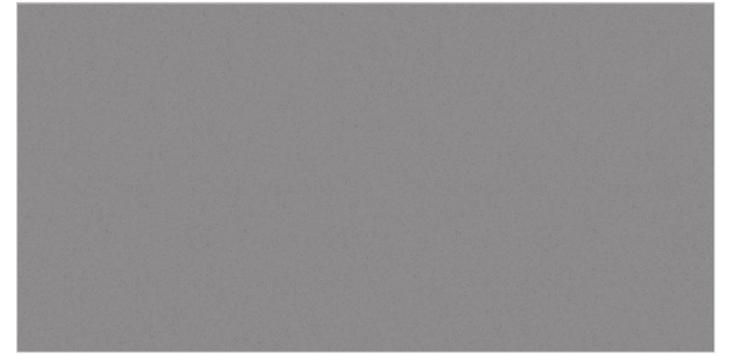
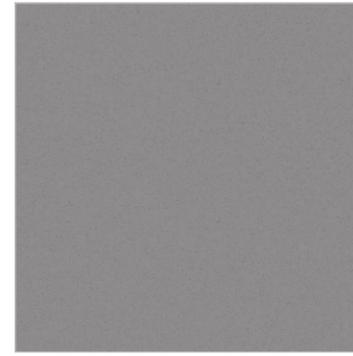
SNOW



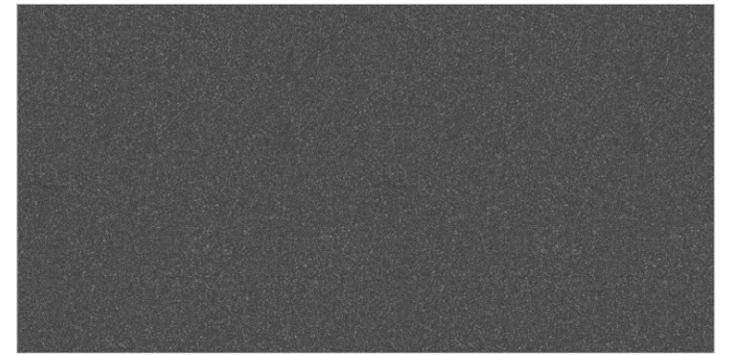
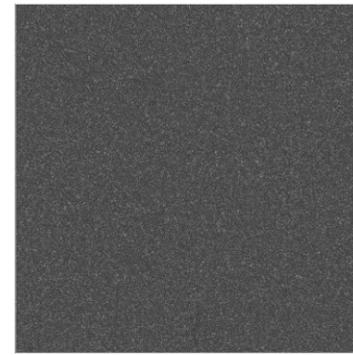
SAND



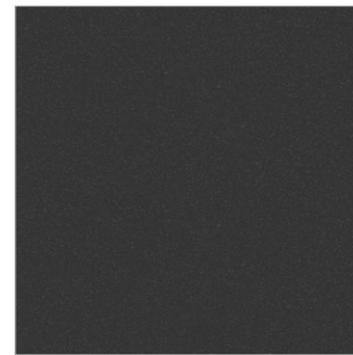
ASH



SLATE



GRAPHITE



CARBON



#LAMINAR  
Vitrified Tiles

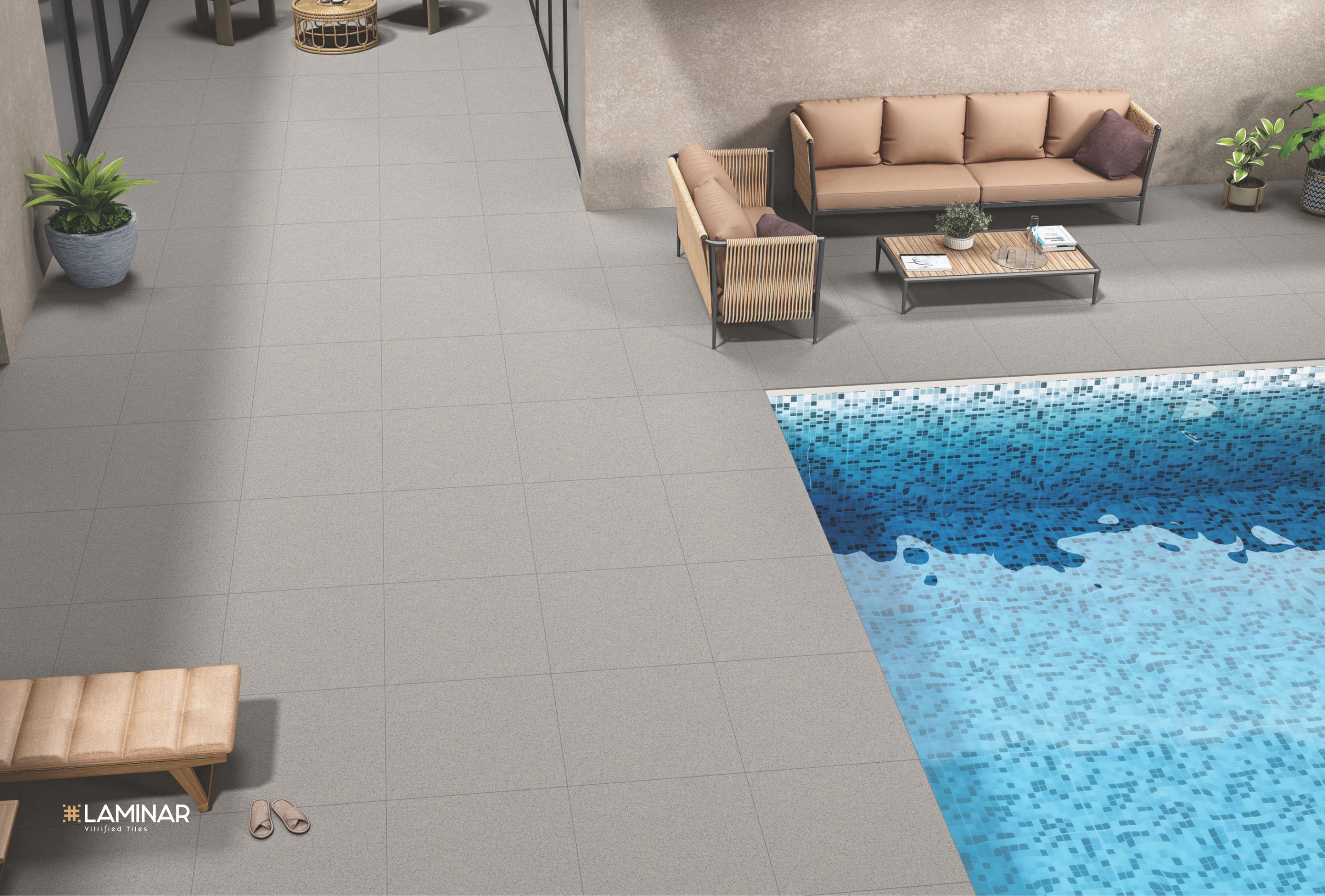
**GALAXY COFFEE**



**THEATER**



**#LAMINAR**  
vitrified Tiles



#LAMINAR  
Vitrified Tiles



#LAMINAR  
Vitrified Tiles



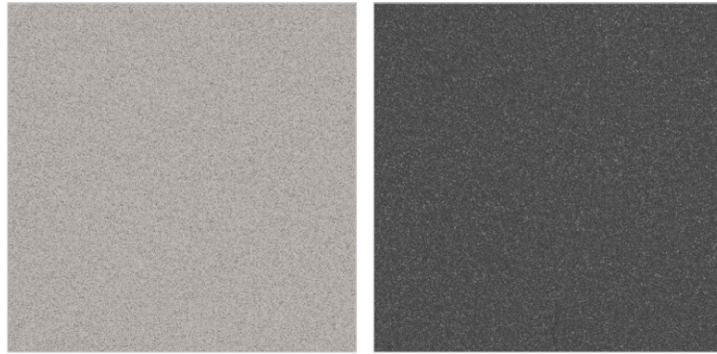
#LAMINAR  
Vitrified Tiles



#LAMINAR  
Vitrified Tiles

**CENTO**  
FULLBODY COLLECTION

Size | Body | Thickness  
600x600mm | Fullbody with Textured Punch | ± 15mm



ASH

GRAPHITE



GRAPHITE | 600x600mm

**CENTO**  
FULLBODY COLLECTION



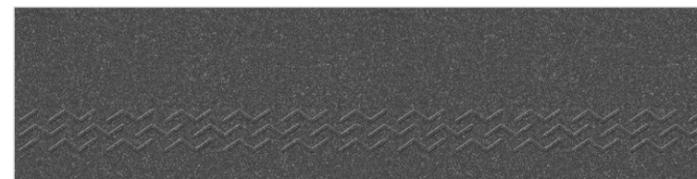
Size | Body | Thickness | Pre-Moulded with Punch  
300x1200mm | Fullbody | ± 12mm



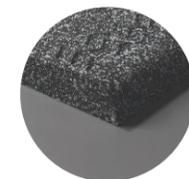
ASH



Pre-Moulded Profile



GRAPHITE



Pre-Moulded Profile



DESIGN: **ASH (RISER) & ASH (STEPS)**



DESIGN: **GRAPHITE & ASH (RISER) & GRAPHITE & ASH (STEPS)**

# CENTO

FULLBODY COLLECTION

Size 300x1200mm | Body Fullbody | Thickness 12mm | Pre-Moulded with Punch



SNOW



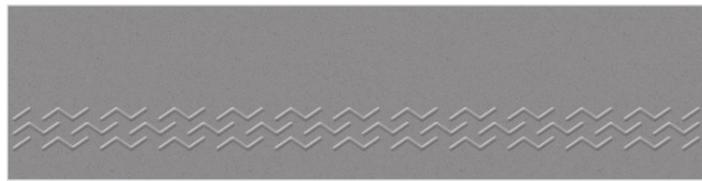
Pre-Moulded Profile



SAND



Pre-Moulded Profile



SLATE



Pre-Moulded Profile





DESIGN: SAND (RISER) & SAND (STEPS)



DESIGN: SLATE (RISER) & SLATE (STEPS)

## TECHNICAL SPECIFICATIONS



### CENTO - MATT

CHARACTERISTICS	UNITS	STANDARD AS PER NS 617:2082 Gr.Bla & IS 15622:2017 Gr.Bla	STANDARD AS PER ISO 13006:2018/ EN14411 Gr.Bla	MEAN VALUE OF LAMINAR	TESTING METHODS
<b>REGULATORY PROPERTIES</b>					
Deviation in Length and Width	mm	± 0.10%	± 0.30%	± 0.10%	NS 618:2082-1/ISO-10545-2
Deviation in Thickness	mm	± 5.0%	± 5.0%	± 4.0%	NS 618:2082-1/ISO-10545-2
Straightness in Side	mm	± 0.10%	± 0.30%	± 0.10%	NS 618:2082-1/ISO-10545-2
Rectangularity	mm	± 0.10%	± 0.30%	± 0.10%	NS 618:2082-1/ISO-10545-2
Surface Flatness Central Curvature	mm	± 0.50%	± 0.40%	± 0.20%	NS 618:2082-1/ISO-10545-2
Surface Flatness Edge Curvature	mm	± 0.50%	± 0.40%	± 0.20%	NS 618:2082-1/ISO-10545-2
Surface Flatness Edge Warpage	mm	± 0.50%	± 0.40%	± 0.10%	NS 618:2082-1/ISO-10545-2
Surface Quality	-	95% defect free	95% defect free	95% defect free	NS 618:2082-1/ISO-10545-2
Glossiness - Matt	-	As per Manufacturer	As per Manufacturer	≥ 4°	GLOSS METER 60°
<b>STRUCTURAL PROPERTIES</b>					
Water Absorption	%	Ev ≤ 0.08%	Ev ≤ 0.5%	Ev ≤ 0.08%	NS 618:2082-6/ISO-10545-4
Bulk Density	Gm/Cc	2.2	As per Manufacturer	≥ 2.25	NS 618:2082-6/ISO-10545-4
<b>MECHANICAL PROPERTIES</b>					
Modulus of Rupture - 8.5mm	N/mm <sup>2</sup>	Min 35.0 N/mm <sup>2</sup>	Min 35.0 N/mm <sup>2</sup>	Min 39.0 N/mm <sup>2</sup>	NS 618:2082-13/BS EN 15771
Modulus of Rupture - 12mm	N/mm <sup>2</sup>	Min 35.0 N/mm <sup>2</sup>	Min 35.0 N/mm <sup>2</sup>	Min 42.0 N/mm <sup>2</sup>	
Modulus of Rupture - 15mm	N/mm <sup>2</sup>	Min 35.0 N/mm <sup>2</sup>	Min 35.0 N/mm <sup>2</sup>	Min 44.0 N/mm <sup>2</sup>	
Breaking Strength - 8.5mm	N	Min 1300.0 N	Min 1300.0 N	Min 1800.0 N	NS 618:2082-11/ISO-10545-7
Breaking Strength - 12mm	N	Min 1300.0 N	Min 1300.0 N	Min 3800.0 N	
Breaking Strength - 15mm	N	Min 1300.0 N	Min 1300.0 N	Min 5000.0 N	
<b>SURFACE MECHANICAL PROPERTIES</b>					
MOH'S Hardness #	-	Min. 5	As per Manufacturer	Min. 6	NS 618:2082-13/BS EN 15771
Deep Abrasion Resistance	Class	140 mm <sup>3</sup>	175mm <sup>3</sup>	140 mm <sup>3</sup>	NS 618:2082-12/ISO 10545-6
<b>THERMAL HYDROMETRIC PROPERTIES</b>					
Moisture Expansion	mm/m	Max 0.02mm/m	Max 0.06% (0.6mm/m)	Max 0.02mm/m	NS 618:2082-3/ISO-10545-10
Thermal Expansion (COE) at 100°C	x10 <sup>-6</sup>	Max 6x10 <sup>-6</sup>	As per Manufacturer	Max 6x10 <sup>-6</sup>	NS 618:2082-4/ISO-10545-8
Thermal Shock Resistance	Cycles	Min 10 Cycles	Min 10 Cycles	Min 10 Cycles	NS 618:2082-5/ISO-10545-9
Impact Resistance (COR) #	-	Min 0.55	Min 0.55	Min 0.6	NS 618:2082-14/ISO-10545-5
Frost Resistance	-	As per Manufacturer	As per Manufacturer	Frost Resistance	NS 618:2082-10/ISO-10545-12
<b>CHEMICAL PROPERTIES</b>					
Resistance of staining Unglazed	Class	Min Class 2	As per Manufacturer	Min Class - 4 / Min Class - 2	NS 618:2082-8/ISO-10545-14
Resistance house hold chemical & swimming pool salts Unglazed	Class	As per Manufacturer	Min Class UB	Min Class UA / Min Class A	NS 618:2082-7/ISO-10545-13
Resistance to low concentration acids and alkali acids Unglazed	Class	As per Manufacturer	As per Manufacturer	Min Class ULB* / Min Class A*	NS 618:2082-7/ISO-10545-13
Resistance to high concentrate acids and alkalis acids Unglazed	Class	As per Manufacturer	As per Manufacturer	Min Class UHB* / Min Class A*	NS 618:2082-7/ISO-10545-13
<b>SAFETY PROPERTIES</b>					
Skid Resistance - (DCOF - WET Pendulum)#	-	As per Manufacturer	As per Manufacturer	≥ 0.35	ISO 10545-17

\* Excepts Hydrofluoric Acid and Its Compounds.\*  
# For Floor Tiles: As per Customer Requirements.



### PACKING DETAILS

Sizes	Thicknesses	Pcs / Box	Coverage Area
600x1200mm	8.5mm	2 pcs	1.44 Square meter
600x600mm	8.5mm	4 pcs	1.44 Square meter
600x600mm	15mm	2 pcs	0.72 Square meter
300x1200mm	12mm	3 pcs	1.08 Square meter



**Corporate Office:**

Lumbini Ceramics Limited  
4th Floor, Lal Durbar One, Narayanhiti Path,  
Durbar Marg, Kathmandu, Nepal.  
Google Plus Code: P87C+99 Kathmandu

**Laminar Experience Centre:**

1st Floor, Uttar Dhoka Road, Kathmandu, Nepal.  
Google Plus Code: P89F+2MQ Kathmandu

**Factory & Laminar Exhibition Centre:**

Gulariya Nagarpalika-8, Bardiya, Nepal.  
Google Plus Code: 59Q3+9VF Bardia

Customer Care No: +977 98023 64639  
info@laminartiles.com  
www.laminartiles.com

Follow us: A row of five small, white social media icons: LinkedIn, Instagram, Facebook, X (Twitter), and Pinterest.