

SINTERED STONE SLAB

Low Silica & Quartzite Style



PLUSWAY

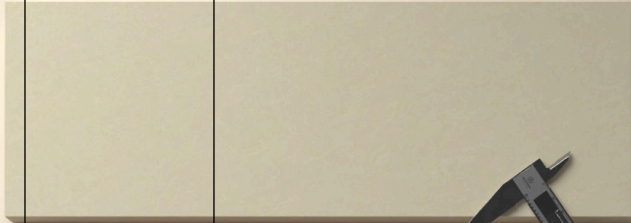
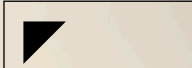
— M A R B L E S —

TIMELESS BEAUTY. LASTING IMPRESSION.

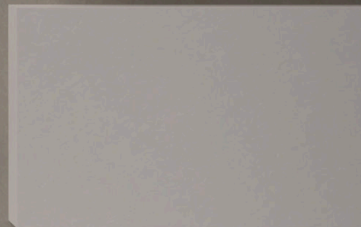
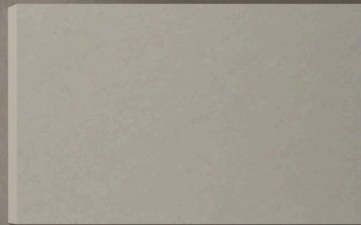
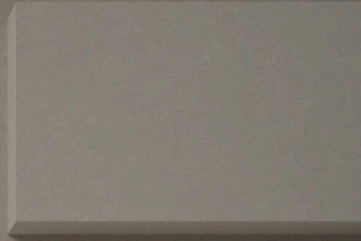


Crafted with advanced high-temperature processing, Abby Stone offers a smooth, durable silica-free quartz surface with excellent stain resistance and low water absorption.

Its refined texture and natural tones bring a clean, elegant aesthetic to modern living spaces.



**800x
2400mm**



1 Surface

Marble Feel

Crafted in 12mm & 15mm thickness to ensure durability and long-lasting performance.



2 Thickness

12mm | 15mm

Comes in marble and polished finishes, bringing a perfect blend of elegance and shine.



SINTERED STONE SLAB

Low Silica & Quartzite Style

Why Sintered Stone Slab?

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	~90% Quartz + Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	UV Stable	May fade/yellow
Silica Risk	Very Low / Minimal	High (Dust Risk)



1

Almost Silica-Free Composition

A sustainable, health conscious mineral blend that ensures a safer environment for all.



2

Natural Stone Inspired Design

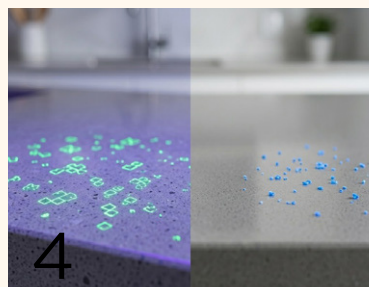
Captures the raw, organic beauty of mountain riverbeds through sophisticated textures.



3

Through-Vein Pattern

Authentic visual depth where elegant veining flows seamlessly from the surface through the entire edge.



4

Antibacterial Surface

An ultra-hygienic, non-porous shield that actively repels contaminants for a cleaner living space



5

High Durability

Engineered to be virtually indestructible against scratches, impacts, and the rigors of daily use



Luna

This design features aluminous beige canvas and refined mineral textures

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE

Low Silica & Quartzite Style

SINTERED STONE

Low Silica & Quartzite Style

Luna

Marble Feel Surface

Features



Low silica Composition



Slim slab size to easy installation



Through-Vein Pattern



Built for Health. Made for Living.



Termite-free & Anti-bacterial surface



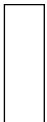
Stain resistance



Built for Indoors & Outdoors



High Durability



Size:

800x2400mm



Thickness: **12mm | 15mm**

Italian Technology



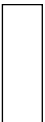
Bamboo Luna Decor

Marble Feel Surface



▼
20mm
Bamboo

▲
8mm
Gap



Size:
800x2400mm

▾ Thickness: **12mm**

Italian Technology
CONTINUA+





Bamboo Luna Decor

Luna



Marble Feel Surface

Luna stands as a tribute to beauty, bringing the essence of nature and its rich hues into your living spaces.

SINTERED STONE

Low Silica & Quartzite Style



Ottoman

This design features a light beige canvas interlaced with delicate cloud-like textures

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE

Low Silica & Quartzite Style

SINTERED STONE

Low Silica & Quartzite Style

Ottoman

Marble Feel Surface

Features

-  Low silica Composition
-  Slim slab size to easy installation
-  Through-Vein Pattern
-  Built for Health. Made for Living.
-  Termite-free & Anti-bacterial surface
-  Stain resistance
-  Built for Indoors & Outdoors
-  High Durability

Size:
800x2400mm

Thickness: **12mm | 15mm**

Italian Technology
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Bamboo Ottoman Decor

Marble Feel Surface



▼
20mm
Bamboo

▲
8mm
Gap

Size:
800x2400mm

Thickness: **12mm**

Italian Technology
CONTINUA+





Bamboo Ottoman Decor

Ottoman



Marble Feel Surface

A reflection of nature's grace, it enhances spaces with its rich colors and timeless appeal.

SINTERED STONE

Low Silica & Quartzite Style



Tiberio

This design features a warm beige foundation interlaced with fine, petal-soft textures

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE
Low Silica & Quartzite Style

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Low Silica & Quartzite Style

Tiberio

Marble Feel Surface

Features



Low silica Composition



Slim slab size to easy installation



Through-Vein Pattern



Built for Health. Made for Living.



Termite-free & Anti-bacterial surface



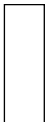
Stain resistance



Built for Indoors & Outdoors



High Durability



Size:

800x2400mm



Thickness: **12mm | 15mm**

Italian Technology



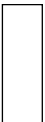
Bamboo Tiberio Decor

Marble Feel Surface



▼
20mm
Bamboo

▲
8mm
Gap

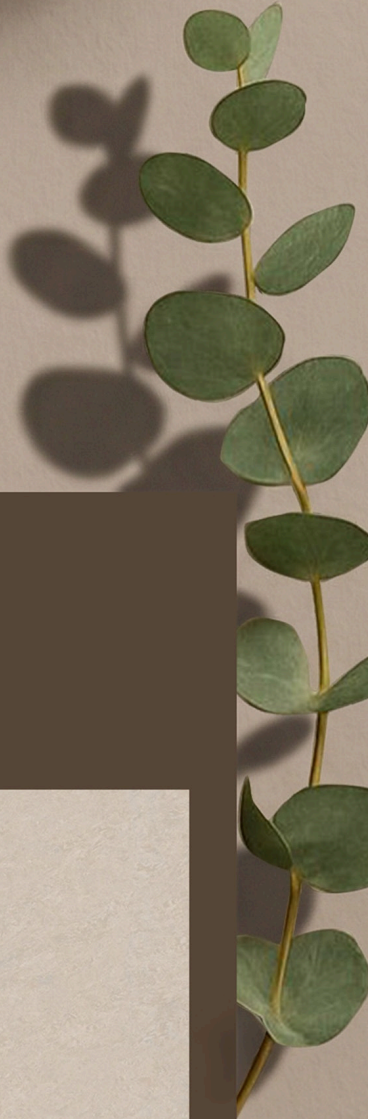
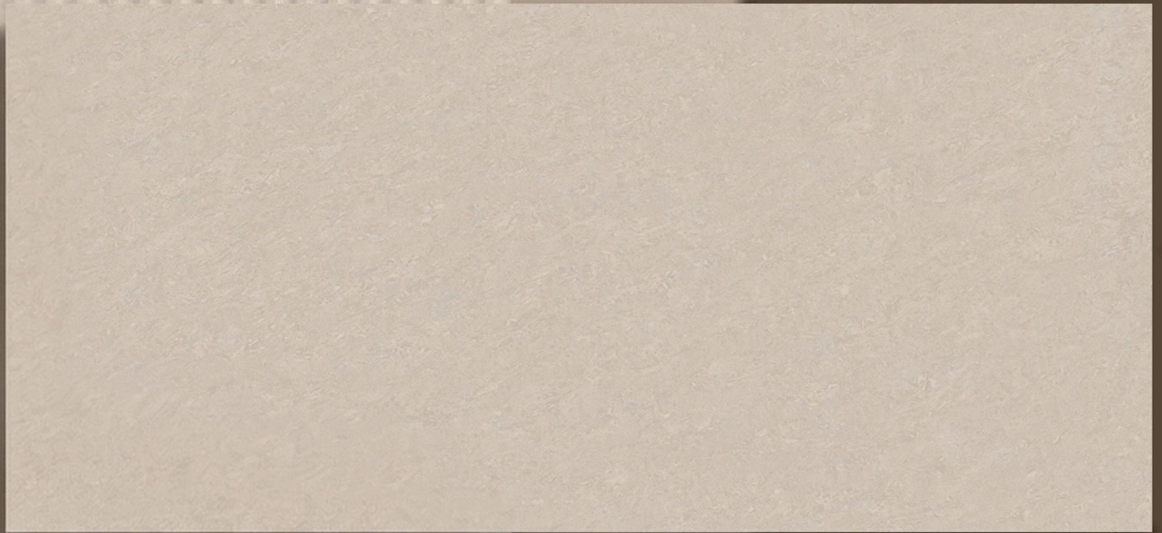
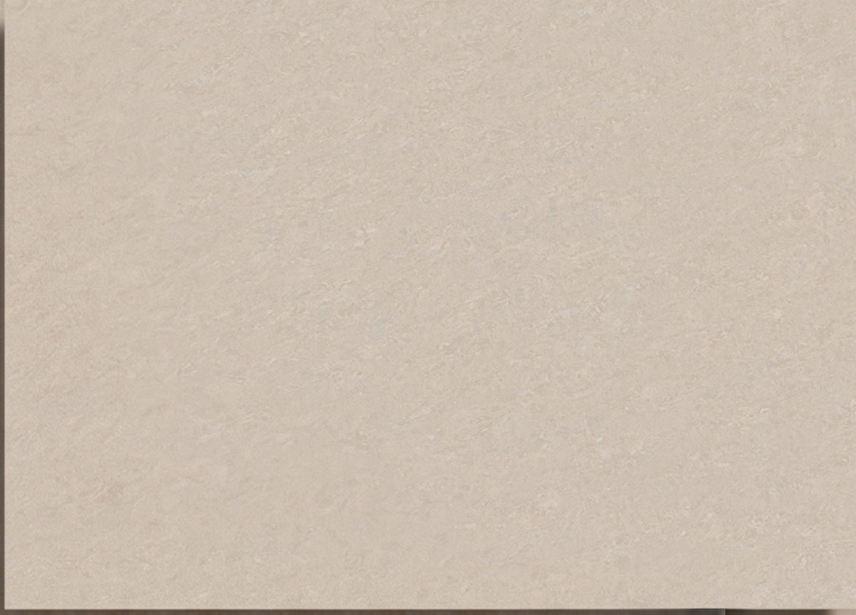


Size:
800x2400mm

▾ Thickness: **12mm**

Italian Technology
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Bamboo Tiberio Decor



Tiberio



Marble Feel Surface

It complements
every interior style, bringing a refreshed,
natural ambience to your bathroom.

SINTERED STONE

Low Silica & Quartzite Style



Valente

It features a warm stone canvas interlaced with delicate, feathered marbling

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE
Low Silica & Quartzite Style

SINTERED STONE

Low Silica & Quartzite Style

Valente

Marble Feel Surface

Features



Low silica Composition



Slim slab size to easy installation



Through-Vein Pattern



Built for Health. Made for Living.



Termite-free & Anti-bacterial surface



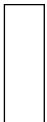
Stain resistance



Built for Indoors & Outdoors



High Durability



Size:
800x2400mm

▼ Thickness: **12mm | 15mm**

Italian Technology



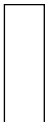
Bamboo Valente Decor

Marble Feel Surface



▼
20mm
Bamboo

▲
8mm
Gap



Size:
800x2400mm

▾ Thickness: **12mm**

Italian Technology
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Bamboo Valente Decor

Valente



Marble Feel Surface

Abstract forms, curves or straight lines, a quartz surface that adds brilliance to any space.

SINTERED STONE

Low Silica & Quartzite Style



PLUSWAY

— M A R B L E S —

TIMELESS BEAUTY. LASTING IMPRESSION.

Oslo Grey

this design blends a warm grey canvas with delicate mineral textures and seamless earthy transitions.

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE

Low Silica & Quartzite Style

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Low Silica & Quartzite Style

Oslo Grey

Marble Feel Surface

Features



Low silica Composition



Slim slab size to easy installation



Through-Vein Pattern



Built for Health. Made for Living.



Termite-free & Anti-bacterial surface



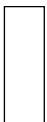
Stain resistance



Built for Indoors & Outdoors



High Durability



Size:
800x2400mm

▼ Thickness: **12mm | 15mm**

Italian Technology



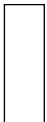
Bamboo Oslo Grey Decor

Marble Feel Surface



▼
20mm
Bamboo

▲
8mm
Gap



Size:
800x2400mm

▾ Thickness: **12mm**

Italian Technology
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Bamboo Oslo Grey Decor

Oslo Grey



Marble Feel Surface

Celebrating natural beauty, it brings rich tones and organic elegance into your living spaces.

SINTERED STONE

Low Silica & Quartzite Style



PLUSWAY

— M A R B L E S —

TIMELESS BEAUTY. LASTING IMPRESSION.

Palladio Grey

this design blends a dense slate base with feathered grey textures and seamless mineral shifts.

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE

Low Silica & Quartzite Style

SINTERED STONE

Low Silica & quartzite Style

Palladio Grey

Marble Feel Surface

Features



Low silica Composition



Slim slab size to easy installation



Through-Vein Pattern



Built for Health. Made for Living.



Termite-free & Anti-bacterial surface



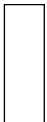
Stain resistance



Built for Indoors & Outdoors



High Durability



Size:

800x2400mm



Thickness: **12mm | 15mm**

Italian Technology



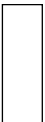
Bamboo Palladio Grey Decor

Marble Feel Surface



▼
20mm
Bamboo

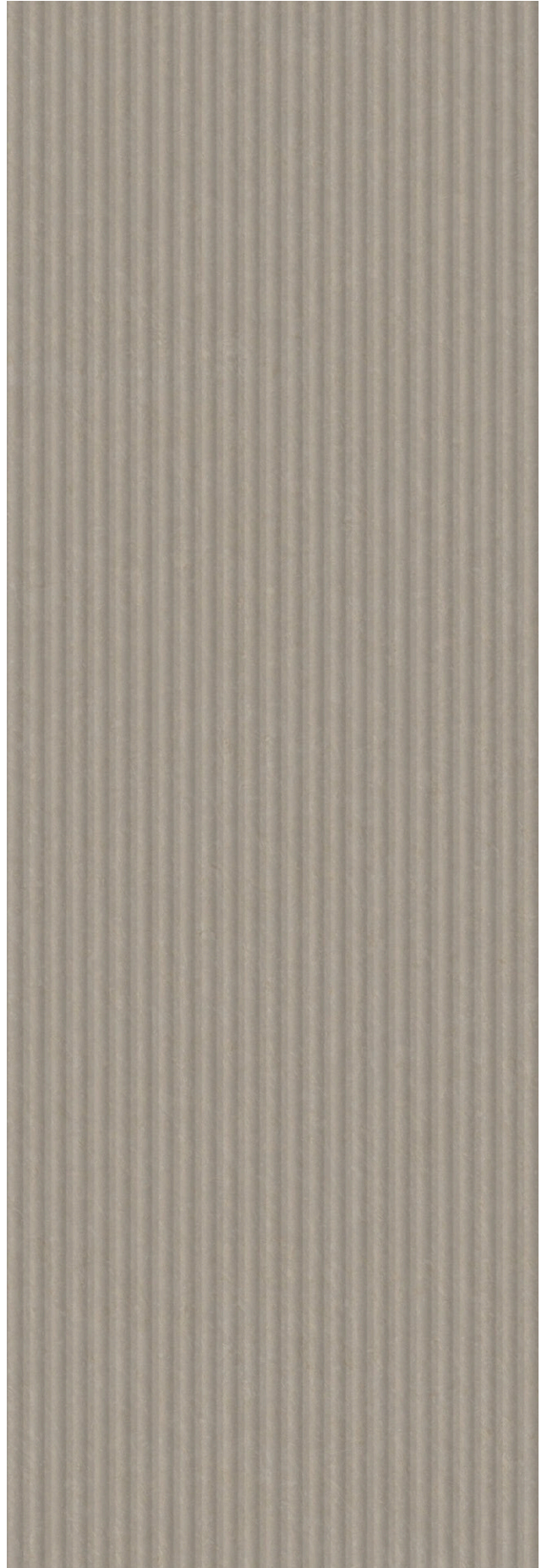
▲
8mm
Gap



Size:
800x2400mm

▬ Thickness: **12mm**

Italian Technology
CONTINUA+





SHU-15
JOMO COLLECTION
NONO
1971
THUSSARDI

Bamboo Palladio Grey Decor

Janet Fitch white oleander

Palladio Grey



Marble Feel Surface

The space flows through rounded shapes, quiet colours and gentle contrasts, grounded by fluted textures

SINTERED STONE

Low Silica & Quartzite Style



Bianco Thasos

Showcasing refined veining that beautifully interacts with light and shadow.

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE

Low Silica & Quartzite Style

SINTERED STONE

Low Silica & Quartzite Style


Bianco Thasos

Marble Feel Surface

Features

-  Low silica Composition
-  Slim slab size to easy installation
-  Through-Vein Pattern
-  Built for Health. Made for Living.
-  Termite-free & Anti-bacterial surface
-  Stain resistance
-  Built for Indoors & Outdoors
-  High Durability

 Size:
800x2400mm

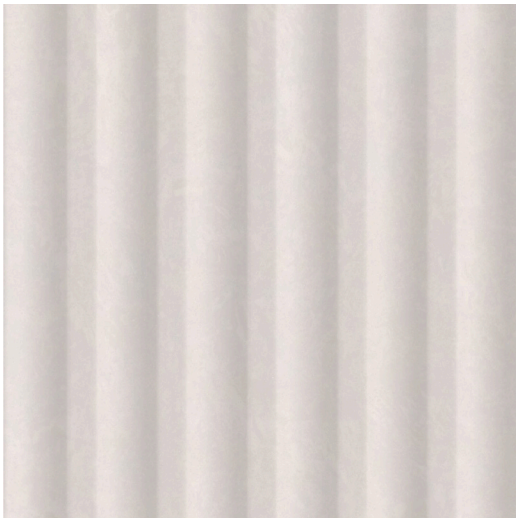
 Thickness: **12mm | 15mm**

Italian Technology
CONTINUA+



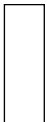
Bamboo Bianco Thasos Decor

Marble Feel Surface



▼
20mm
Bamboo

▲
8mm
Gap



Size:
800x2400mm

▾ Thickness: **12mm**

Italian Technology
CONTINUA+





Bamboo Bianco Thasos Decor

Bianco Thasos



Marble Feel Surface

Grace your interior with the decorous
texture and hue of Bianco Thasos

SINTERED STONE

Low Silica & Quartzite Style



Strom Black

Amatte black foundation with delicate, ash-grey textures and seamless transitions

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE
Low Silica & Quartzite Style

SINTERED STONE

Low Silica & Quartzite Style

Strom Black

Marble Feel Surface

Features



Low silica Composition



Slim slab size to easy installation



Through-Vein Pattern



Built for Health. Made for Living.



Termite-free & Anti-bacterial surface



Stain resistance



Built for Indoors & Outdoors



High Durability



Size:
800x2400mm

▼ Thickness: **12mm | 15mm**

Italian Technology



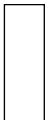
Bamboo Strom Black Decor

Marble Feel Surface



▼
20mm
Bamboo

▲
8mm
Gap



Size:
800x2400mm

▾ Thickness: **12mm**

Italian Technology
CONTINUA+





Bamboo Strom Black Decor

Strom Black



Marble Feel Surface

It brings a breath of fresh air and
the illusion of boundless
space to your surroundings.

SINTERED STONE

Low Silica & Quartzite Style

Armani Magnate

A harmonious blend of warm tones
and feather-soft textures

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)



SINTERED STONE

Low Silica & Quartzite Style

Armani Magnate

Marble Feel Surface

Features



Low silica Composition



Slim slab size to easy installation



Through-Vein Pattern



Built for Health. Made for Living.



Termite-free & Anti-bacterial surface



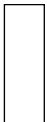
Stain resistance



Built for Indoors & Outdoors



High Durability



Size:

800x2400mm



Thickness: **12mm | 15mm**

Italian Technology



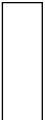
Bamboo Armani Magnate

Marble Feel Surface



▼
20mm
Bamboo

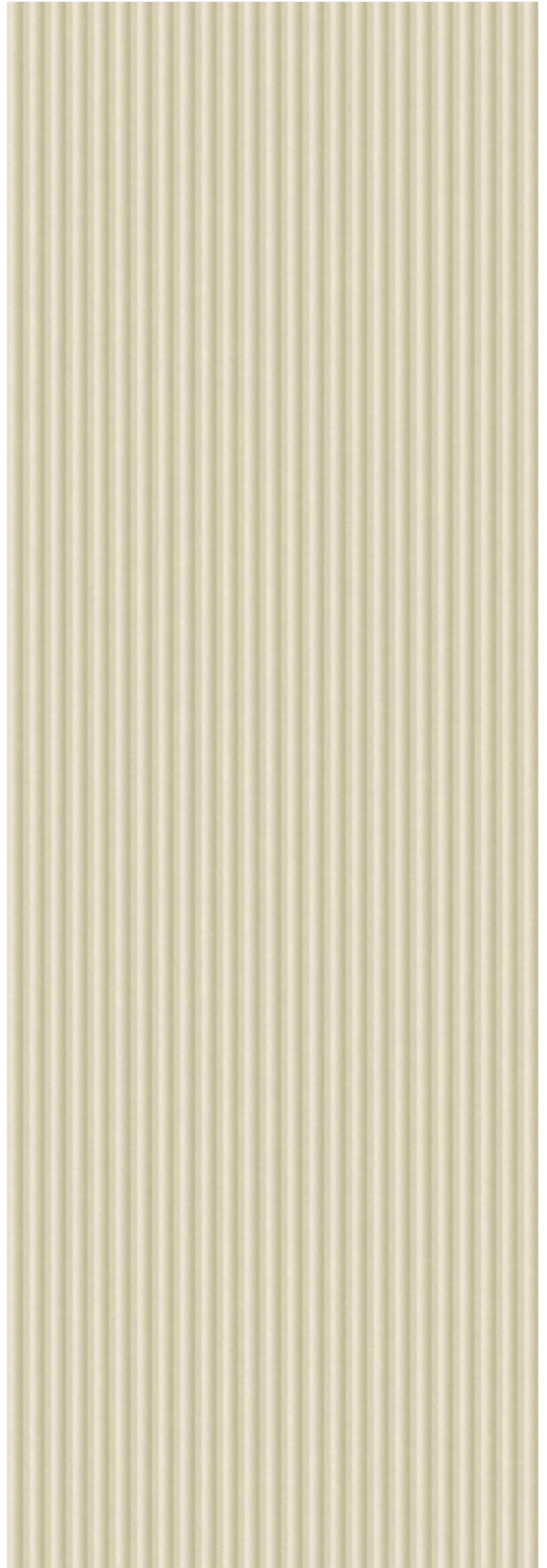
▲
8mm
Gap



Size:
800x2400mm

▼
Thickness: **12mm**

Italian Technology
CONTINUA+





Bamboo Armani Magnate

Armani Magnate

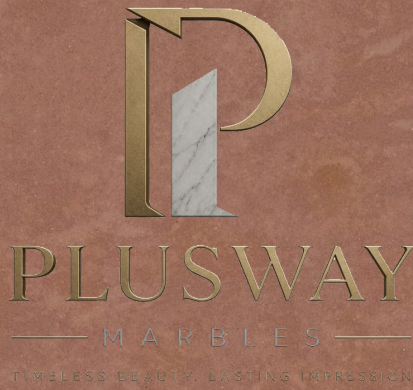


Marble Feel Surface

Armani Magnate captures timeless luxury with its soft elegance and refined natural texture.

SINTERED STONE

Low Silica & Quartzite Style



Lakha Red

Echoing the beauty of nature in bloom, this design pairs a warm red base with fine white and light red veining for a refined look.

Feature	Sintered Stone	Quartz & Engineered Composite
Composition	100% Natural Minerals	90% Quartz + 10% Resin
Heat Resistance	Excellent (Heatproof)	Moderate (Can Scorch)
Outdoor Use	Yes (UV Stable)	No (May yellow/fade)
Silica Risk	Very Low to Zero	High (Resin Dust Risk)

SINTERED STONE

Low Silica & Quartzite Style

SINTERED STONE

Low silica & Quartzite Style

Lakha Red

Marble Feel Surface

Features



Low silica Composition



Slim slab size to easy installation



Through-Vein Pattern



Built for Health. Made for Living.



Termite-free & Anti-bacterial surface



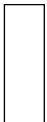
Stain resistance



Built for Indoors & Outdoors



High Durability



Size:

800x2400mm



Thickness: **12mm** | **15mm**

Italian Technology



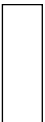
Bamboo Lakha Red Decor

Marble Feel Surface



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20mm
Bamboo

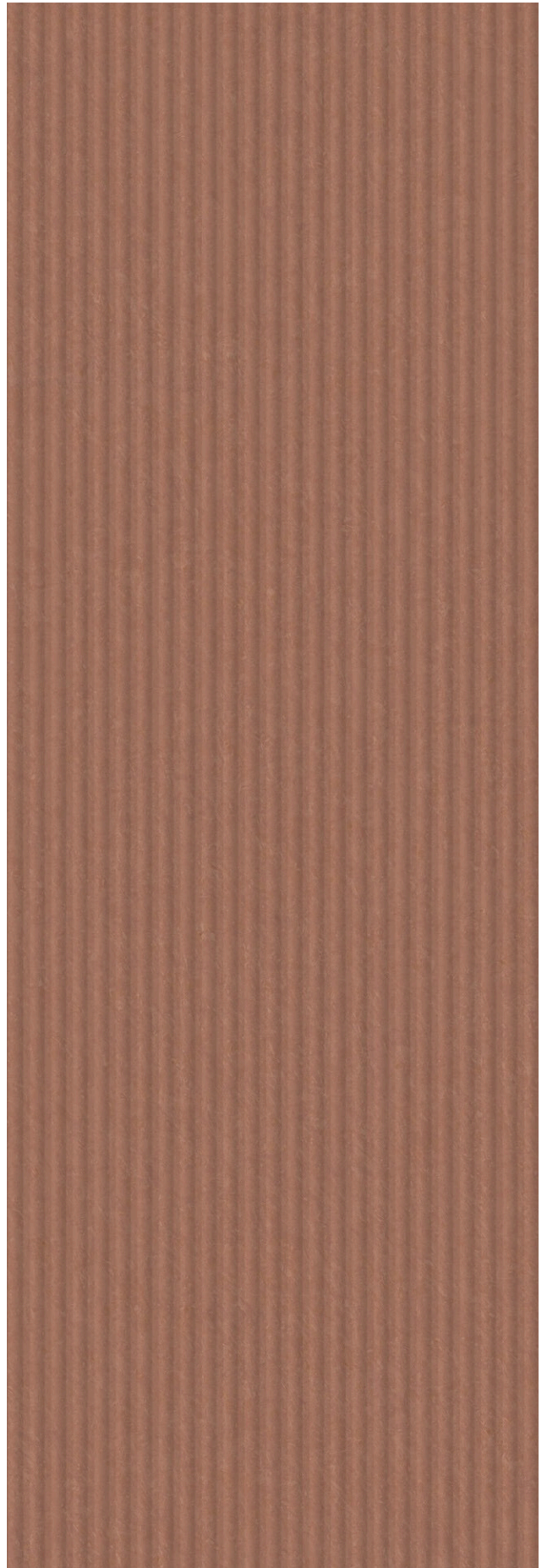
▲
8mm
Gap



Size:
800x2400mm

▾ Thickness: **12mm**

Italian Technology
CONTINUA+





Bamboo Lakha Red Decor

Lakha Red



Marble Feel Surface

Showcasing the visual drama of cubic abstraction,
this wall-clad art installation-expertly
sculpted from Lakha Red

SINTERED STONE

Low Silica & Quartzite Style

HANDLING AND STORAGE WITHIN A FACTORY OR WAREHOUSE

EQUIPMENT REQUIRED

Forklifts with forks at least 2.5 m long for loading/unloading metal palettes.

Suction cups with frame for handling the slabs or Rubber coated canvas belts or double clamp with overhead crane

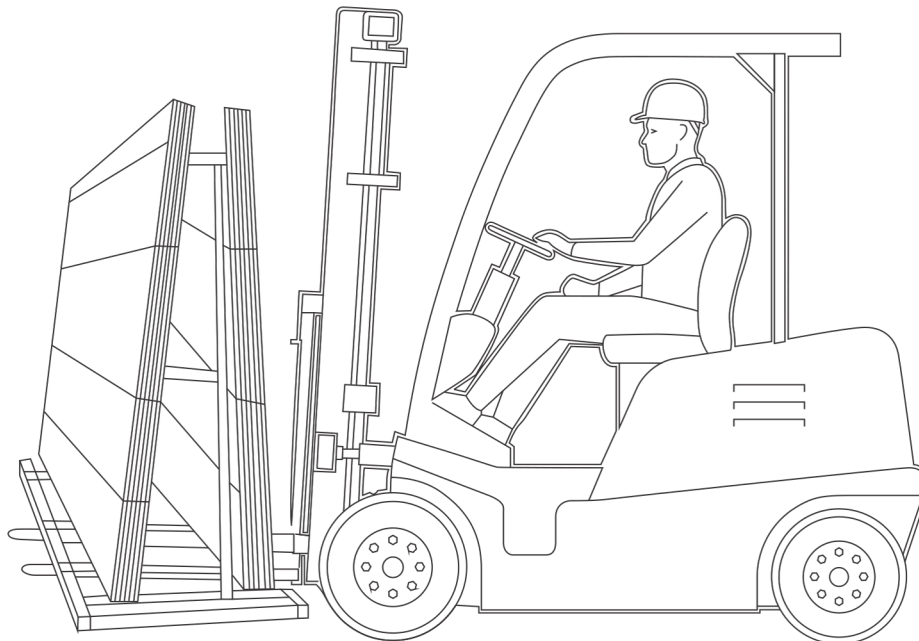
PROCESS

Transporting A-Frames

When handling A-Frames, use a forklift or crane to lift and place the frames at the desired location.

The forks must be inserted centrally into the base of the A-Frames at right-angles to the length of the slabs, with both forks fully inserted into the A-frame to maintain balance.

Do make sure the frame is stable before moving the forklift. It is recommended to keep the frame safely close to the ground whilst moving the frame.



Transporting Slabs

Remove any packaging from the slab.

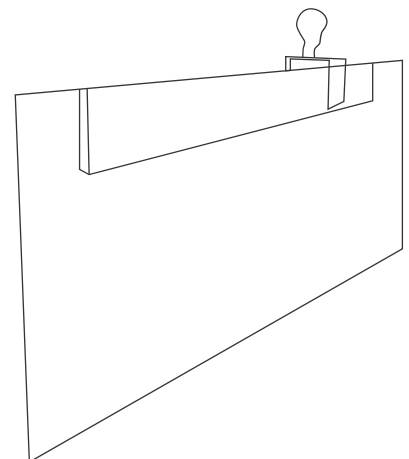
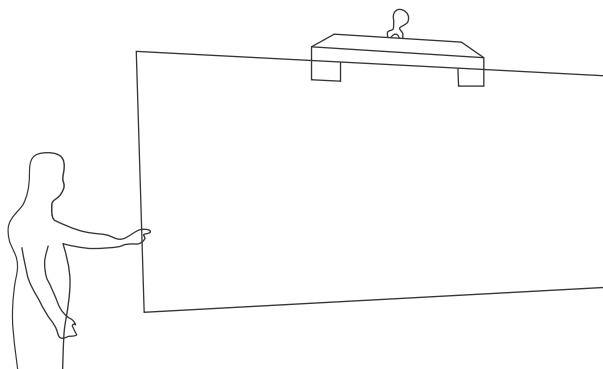
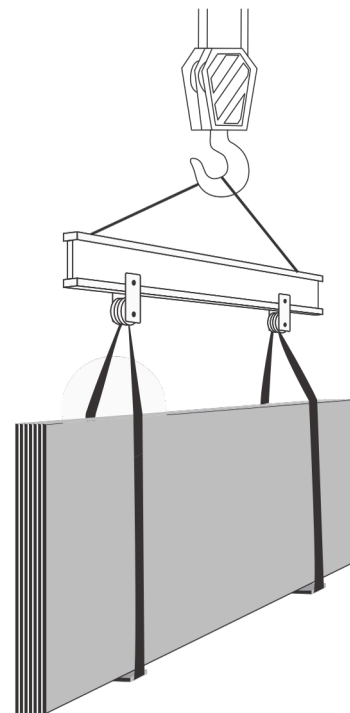
The preferred means of transporting slabs is by using a bridge crane and rubber-coated canvas belts.

Clamps (as depicted below) can also be used. In case a double clamp is not available, it is recommended to insert a 2cm thick plank of at least 300cm length between the slab and the clamp (on the back side of the slab) to support the slab while transporting

When using a clamp only move one slab at a time.

All movement needs to be done with care and attention to avoid breakage/ splintering. Any sudden movements must be avoided.

The weight of the slab must be distributed evenly across the point of the gripped load so they remain balanced during transportation

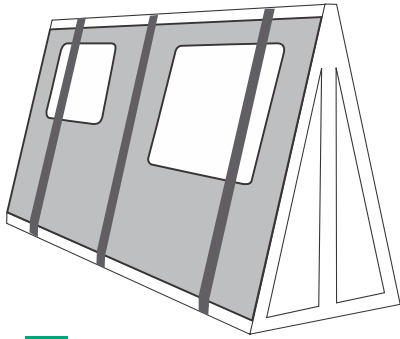


Storing Slabs

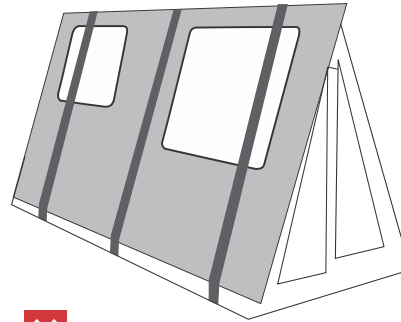
Slabs must always be stored upright. The supports used must match the size of the slab and be strong enough to take the weight of the slabs. It is recommended that slabs be protected with rubber padding on stands.

Avoid stacking smaller cut pieces between larger ones.

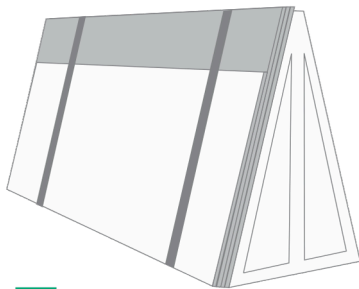
Do not stack slabs horizontally lying down.



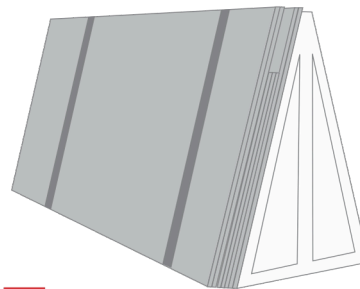
CORRECT



INCORRECT



CORRECT

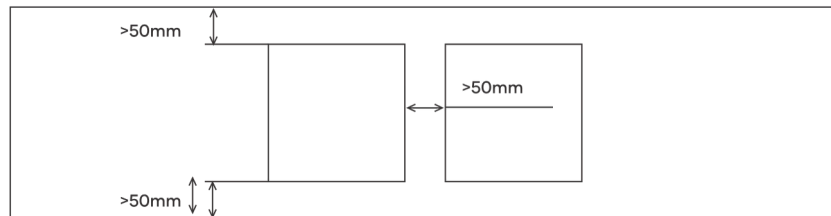


INCORRECT

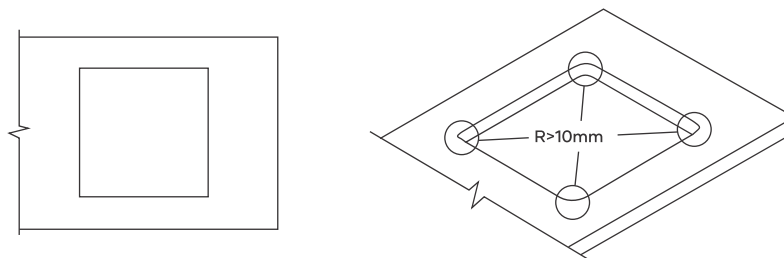
CUTTING

INTERNAL CUT-OUTS AND MINIMUM DISTANCES

All internal openings must be at a distance of at least 5cm from the edges of the slab and from each other.

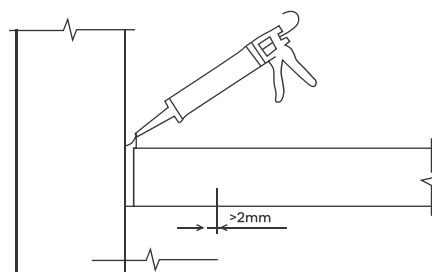


The radius of the internal corners must be greater than 10mm. Right angle internal corners must not be used as they can weaken the structural strength of the countertop, due to the right angles significantly increasing the risk of stress cracking.



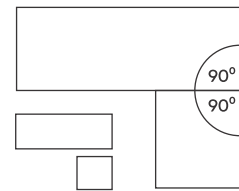
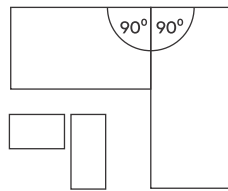
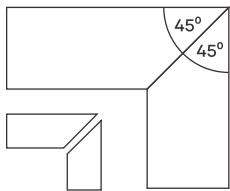
The minimum joint gap between the slabs and any other adjoining surface (for example, walls, other slabs, sink, hob etc) should be at least 2mm. The 2mm joint gap can be sealed with a colour matched silicone.

The sealant that is used must be specified to withstand thermal variations if a hob, oven or barbecue is in the same vicinity.

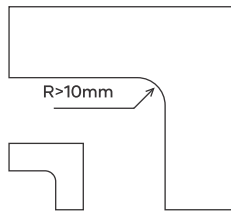


TOPS

It is recommended that two cut to size slabs are used when making L- shaped tops to avoid the risk of stress cracking from 90 degree internal angles within a single slab. An L shaped-top can be created in the following three ways, whichever is preferable based on the aesthetics required of the design and the direction of the decor of the specified slab.

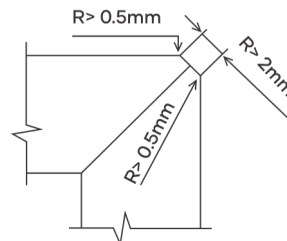
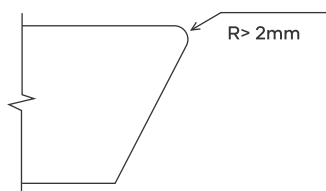
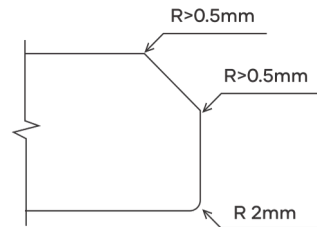
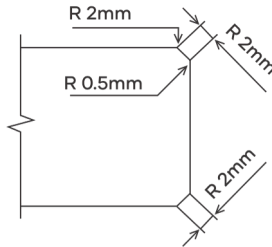
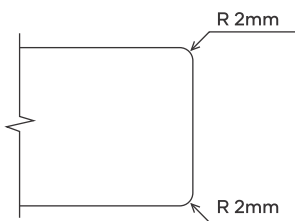


However, if you do choose to specify a single slab to create an Lshaped top, the bend radius must be at least 10mm



EDGES

The following edges are recommended for both aesthetics and practicality

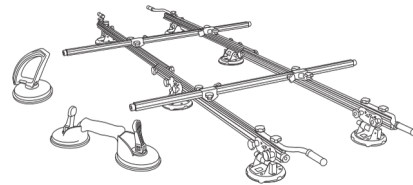
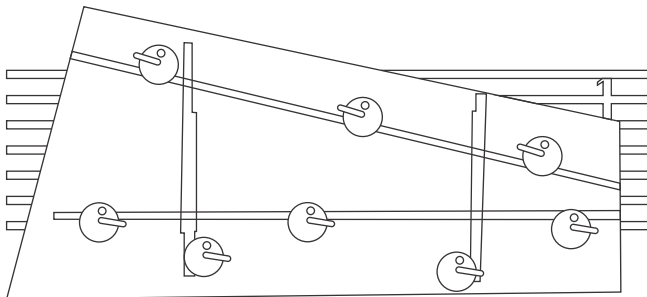
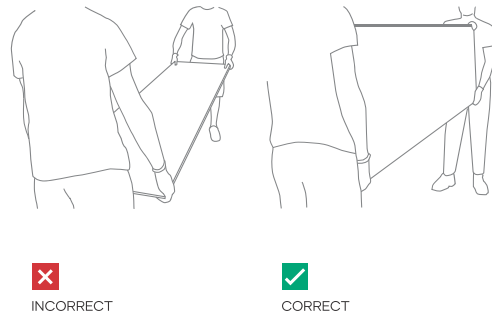
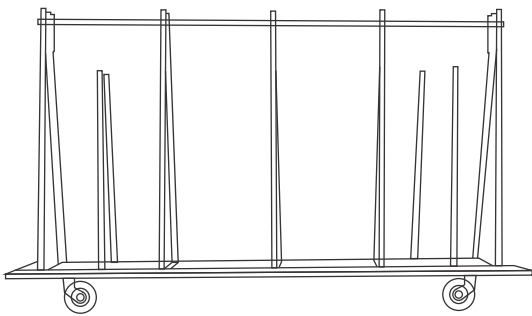


INSTALLATION

ON-SITE HANDLING

The full slab must be in a vertical position whilst being moved around at the installation site. While moving any cut-outs manually, if there is, it should always be moved/stored vertically facing cutwork upwards when the slab is being transported or is at rest.

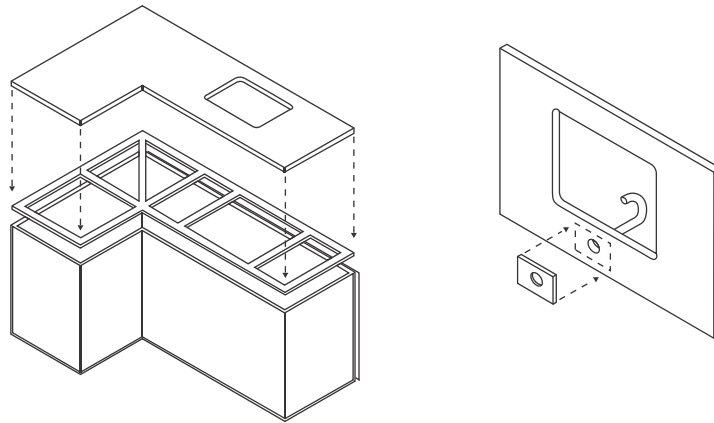
The slab can be moved around using a slab cart or a frame with vacuum suction which can be rearranged based on the cutting of the slab.



LAYING

Ensure the base surface is clean, smooth, and perfectly level before laying the slabs. Maintain a minimum 2 mm joint gap between slabs or adjoining surfaces for proper installation.

Fill the joints with a matching sealant to achieve a seamless finish. Provide adequate support around cut-outs and edges to prevent stress or damage. All fittings, such as taps, should be reinforced at drilling points for added stability.



BONDING

To bond surfaces together it is recommended to use a 2-component epoxy adhesive or Methyl methacrylate adhesive (MMA) in a similar colour to the base colour of the slab as possible.

The following steps ensure a proper bond:

Always clean and dry the surfaces that are to be glued thoroughly.

Attach adhesive tapes on the outer sides of both surfaces to be glued. This can be peeled later

Some parameters like the mix ratio, how much time the glue takes to harden after Mixing varies from adhesive manufacturer to manufacturer and must be taken note of before heading on with the glueing.

After the two surfaces have been firmly glued together, mask the bonded edge with paper masking tape before grinding and polishing the edge.

When installing slabs onto other non-porcelain surfaces, either a 2-component epoxy / polyurethane glue can be used or a polymer-modified mortar (do check if it is specified for large-format slabs).

It is recommended to do a sample test first.

TECHNICAL FEATURE/ PARAMETER	SINTERED STONE <small>Low Silica & Quartzite Style</small>	MARBLE	GRANITE	QUARTZ
Surface Hardness (Mohs Scale)	6-7; Highly resistant to scratches	3-4; Scratches easily	6-7; Scratch-resistant	6-7; Surface protected by resins
Porosity	Non-porous (<0.1% water absorption)	Highly porous ; absorbs liquids	Low porosity (<0.5%), but may vary	<0.1%; Non-porous due to resin
Thermal Resistance	Withstands temperatures up to 1200°C	Sensitive to heat; thermal shock can cause cracks	Withstands high temperatures (~650°C)	Moderate; thermal resistance limited by resins
UV Stability	Excellent UV resistance ; colorfast in outdoor applications	Fades and yellows under UV exposure	UV-resistant	Limited ; resins degrade under UV
Flexural Strength (MPa)	High (30-50 MPa) ; resists bending or warping	Low (7-10 MPa) ; prone to cracking	Moderate (15-20 MPa)	High (25-40 MPa)
Chemical Resistance	Excellent	Poor	Good	Excellent
Impact Resistance	High	Low	High	High
Weight(Kg/m ²)	18-25	27-35	30-40	25-30
Dimensional Stability (mm/m)	High ; minimal thermal expansion or contraction	Low ; expands and contracts with temperature	Moderate ; better than marble	High ; Resins stabilize material
Hygienic Properties	Anti-bacterial and hygienic due to non-porous surface	Absorbs liquids ; prone to bacterial growth	Low absorption ; less prone to bacteria	Non-porous ; hygienic
Density (g/cm ³)	2.4-2.6 ; Highly Uniform	2.5-2.7 ; Variable by Source	2.6-2.8	~2.4-2.6
Thermal Expansion (ppm/°C)	6-8 ; Highly stable under thermal stress	10-20 ; Significant expansion	8-10 ; Moderate expansion	30-50 ; Resins reduce stability
Thermal Conductivity (W/m K)	1.5-2 ; Good thermal stability	~ 2.2 ; sensitive to thermal shock	3.0 ; High thermal conductivity	~ 2.0 ; Resin layers may insulate
Water Absorption (%)	< 0.1% ; Hydrophobic surface	~ 0.5-2% ; Requires sealing	0.2-0.5% ; Low absorption	< 0.1% ; Non-porous due to resin
Surface Energy (mN/m)	~ 45 ; High surface energy for cleanability	~ 35 ; Moderate , attracts contaminants	~ 40 ; Relatively cleanable	~ 30 ; Resin coatings lower surface energy
Fire Rating	A1 (Non-combustible)	A2 ; Slightly combustible	A1 ; Non-combustible	B ; Resins are flammable

● Excellent
 ● Good
 ● Average
 ● Poor

SR. NO.	CHARACTERISTIC	TEST METHOD	IS 15622:2017 (GROUP B 1a)	MOSSBIL VALUE
A DIMENSION & SURFACE QUALITY				
1.	Deviation in Length & Width	IS - 13630 - 1	± 0.10%	± 0.10%
2.	Deviation in Thickness	IS - 13630 - 1	± 5.00%	± 3.50%
3.	Straightness of sides	IS - 13630 - 1	± 0.10%	± 0.10%
4.	Rectangularity	IS - 13630 - 1	± 0.10%	± 0.10%
5.	Surface Flatness	IS - 13630 - 1	± 0.50%	± 0.20%
6.	Surface Quality	IS - 13630 - 1	Minimum 95% of tiles shall be free from visible defects	95%
B. PHYSICAL PROPERTIES				
1.	Water Absorption	IS - 13630 - 2	≤0.08%,Avg.	0.06%,Avg.
2.	Modulus of Rupture(N/mm ²)	IS - 13630 - 2	Avg. 35 N/mm ²	Avg. 40 N/mm ²
3.	Breaking Strength (N)	IS - 13630 - 6	Thickness ≥ 7.5 mm = 1300 N	Thickness ≥ 7.5 mm = 1700 N
4.	Moisture Expansion (mm/m)	IS - 13630 - 3	0.02 Max.	0.01 Max.
5.	Scratch Hardness (Moh's Scale)	IS - 13630 - 13	5, Min.	5, Min*
6.	Resistance to Surface Abrasion (Glazed tiles)	IS - 13630 - 11	Class III, Min.	Class IV
7.	Co-efficient of linear thermal expansion	IS - 13630 - 4	6x10 ⁻⁶ , Max	6x10 ⁻⁶ , Max
8.	Thermal Shock Resistance	IS - 13630 - 5	10 Cycles, Min	10 Cycles, Pass
9.	Crazing Resistance	IS - 13630 - 9	4 Cycles at 7.5 Bar, Min	4 Cycles, Pass
10.	Impact Resistance-Coefficient of Restitution	IS - 13630 - 14	0.55, Min	0.55, Min
11.	Coefficient of Friction	IS - 13630 - 13	Manufacturer Norms	Manufacturer Norms
12.	Frost Resistance	IS - 13630 - 10	Manufacturer Norms	No Damage
13.	Resistance to Deep Abrasion for Unglazed Tiles (mm ³)	IS - 13630 - 12	140, Max	140, Max
14.	Bulk Density (g/cc)	IS - 13630 - 2	2.2, Min	2.3, Min
B. CHEMICAL PROPERTIES				
1.	Resistance to Staining	IS - 13630 - 8	Glaze - Class 1, Min Unglaze - Class 2, Min	Glaze 2 - Class 1, Min Unglaze 2 - Class 2, Min
2.	Resistance to Household Chemicals	IS - 13630 - 8	Class AA	Class AA
3.	Resistance to Acids & Alkalis	IS - 13630 - 8	Glaze & Unglaze - Required if indicated specifically	Resistance

MOSSBIL values given above are own valued, which we strive to maintain. However, test results may vary up to the limit prescribed under IS 15622:2017 (Group B 1 a) * Minimum 5 on matt tiles. Note: Colours shown are as accurate as printing limitations allow. Prospective customers are advised to inspect a sample tile before ordering. Every effort has been made to ensure the accuracy of the information provided; however, the company reserves the right to change specifications without prior notice. Variations in shade or size, inherent to the ceramic industry, may occur. Before fixing, please follow the instructions mentioned on the tile cartons (boxes). No responsibility will be accepted by the company once the tiles have been fixed.



PLUSWAY

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