



NITCO

TILES MARBLE MOSAICO



NITCO LIMITED

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ELEMENTRA

FULL BODY

800 mm X 2400 mm

2025-26



For over 70 years, NITCO has been a leader in the surface industry, known for its innovation, quality, and sustainability. As the only global company offering Tiles, Marble, and Mosaic, we blend cutting-edge technology with nature-inspired designs, making us the preferred choice for architects, builders, and discerning clients.

NITCO's rich legacy of trust and quality has shaped some of India's most iconic buildings and townships. Recognized globally for exceptional craftsmanship and certified quality, NITCO continues to set benchmarks in the industry, with a presence in over 55 countries.

With a robust network of 650+ dealers, 9 exclusive Le Studio experience centers, and 150+ franchise stores across India and Nepal, NITCO ensures easy access to all its products. Our global footprint extends our reach, making our products a favorite among clients worldwide.

Our Offerings



Tiles:

NITCO Tiles combine precision and innovation, offering durable, globally benchmarked designs inspired by nature. They seamlessly integrate functionality and style, making them perfect for any space.

Marble:

Nitco Marble stands as a symbol of unmatched quality and exceptional durability. Our cutting-edge TRT process ensures superior resistance to stains and breakage, keeping the marble pristine and robust for years. Sourced from over 25+ countries, our curated collection features an extensive range of colors and exotics to suit every design vision. Whether you're aiming for timeless elegance or modern luxury, NITCO Marble seamlessly blends beauty with lasting performance.



Mosaic:

NITCO Mosaics bring creativity to life with customizable patterns crafted from high-quality materials. Our advanced technology and expert execution ensure stunning and precise results.



NITCO
Elementra
Strength in every layer

Introducing Elementra — NITCO's premium 800x2400mm full-body tile collection that redefines the benchmark for high-performance surfaces. Designed with precision and elegance, Elementra tiles go beyond beauty to offer unmatched durability and depth, thanks to their full-body composition and 15mm thickness.

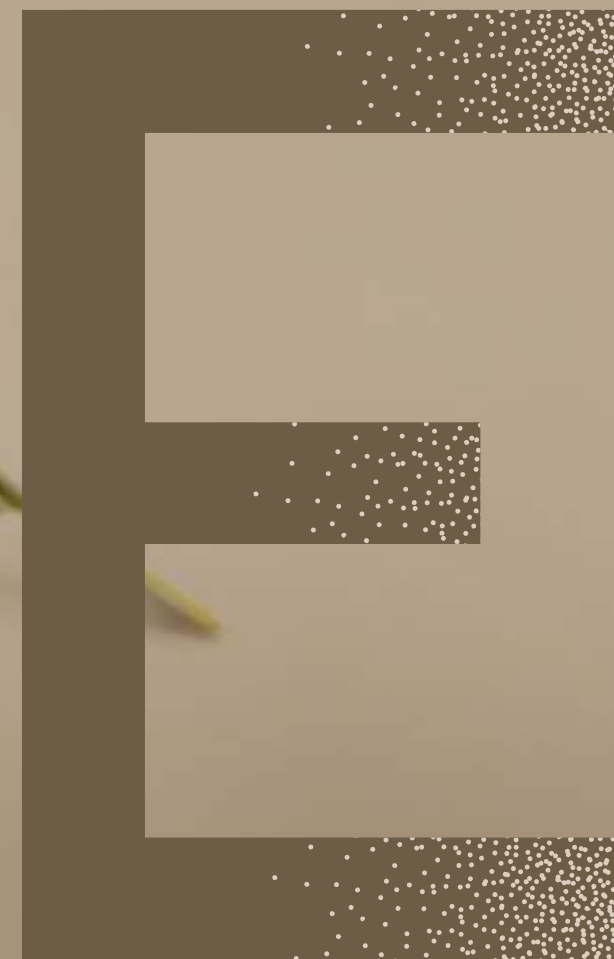
Each tile in this collection is a seamless blend of form and function — perfect for both heavy-use commercial environments and refined residential spaces. With Elementra, what you see on the surface runs through the core, offering enhanced resistance to wear and tear, edge chipping, and scratches. Whether it's cutting-edge architecture or high-traffic zones, these tiles are made to last — and impress.

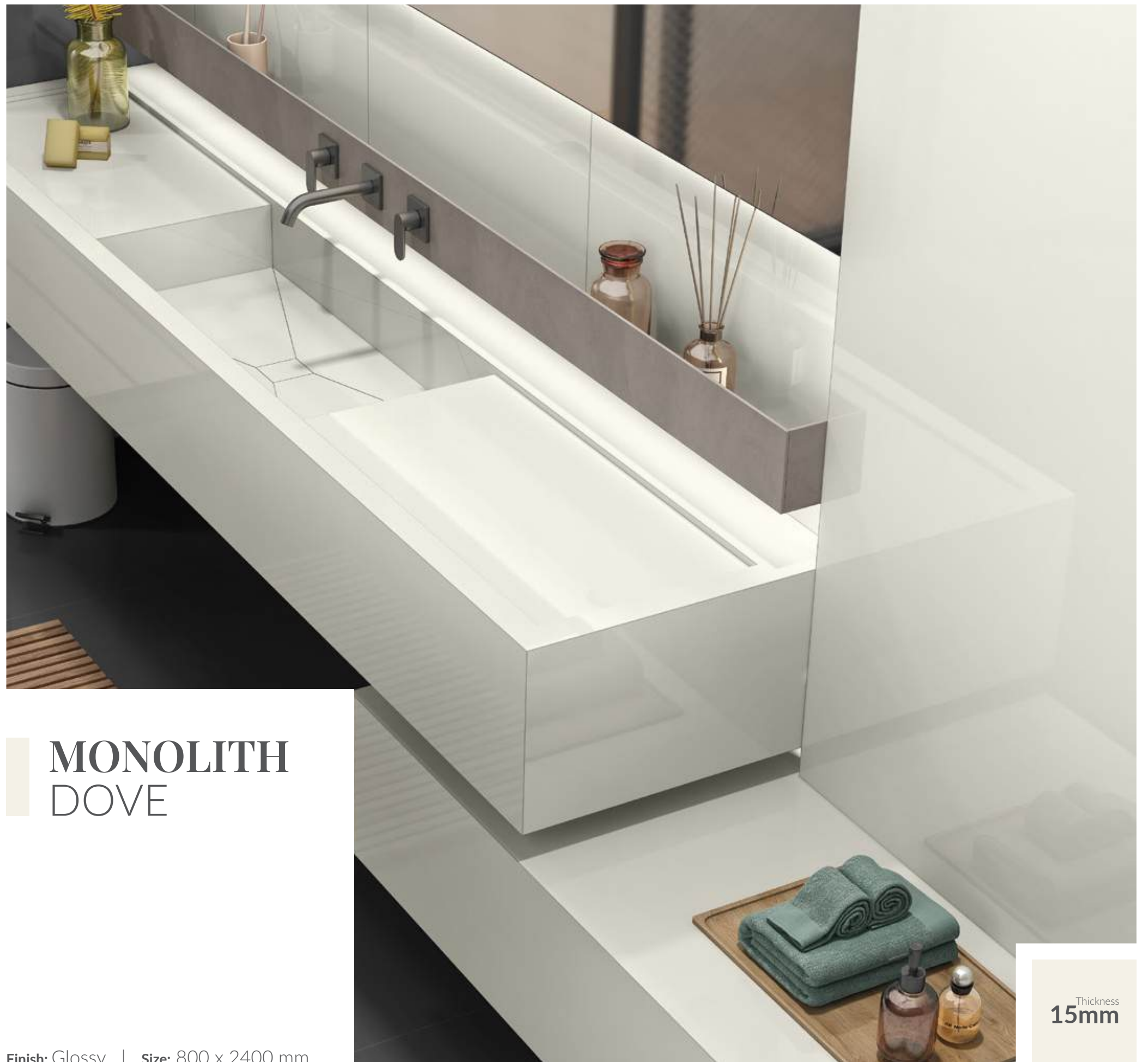
From the minimalist hues of the Monolith series to the celestial textures of Constel, every design in Elementra is curated to elevate modern spaces. The glossy finish lends a touch of luxe while ensuring easy maintenance, making it ideal for flooring, wall cladding, countertops, and even façades.

Built for large-format precision and timeless aesthetics, Elementra is not just a surface — it's a statement.



“Where Style
Meets Strength
Seamlessly”



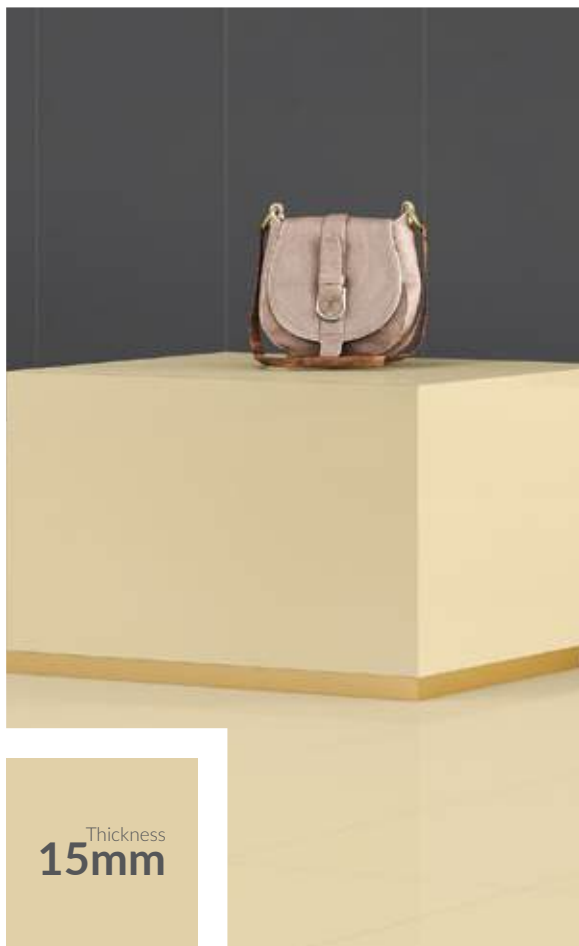


MONOLITH
DOVE

Finish: Glossy | Size: 800 x 2400 mm

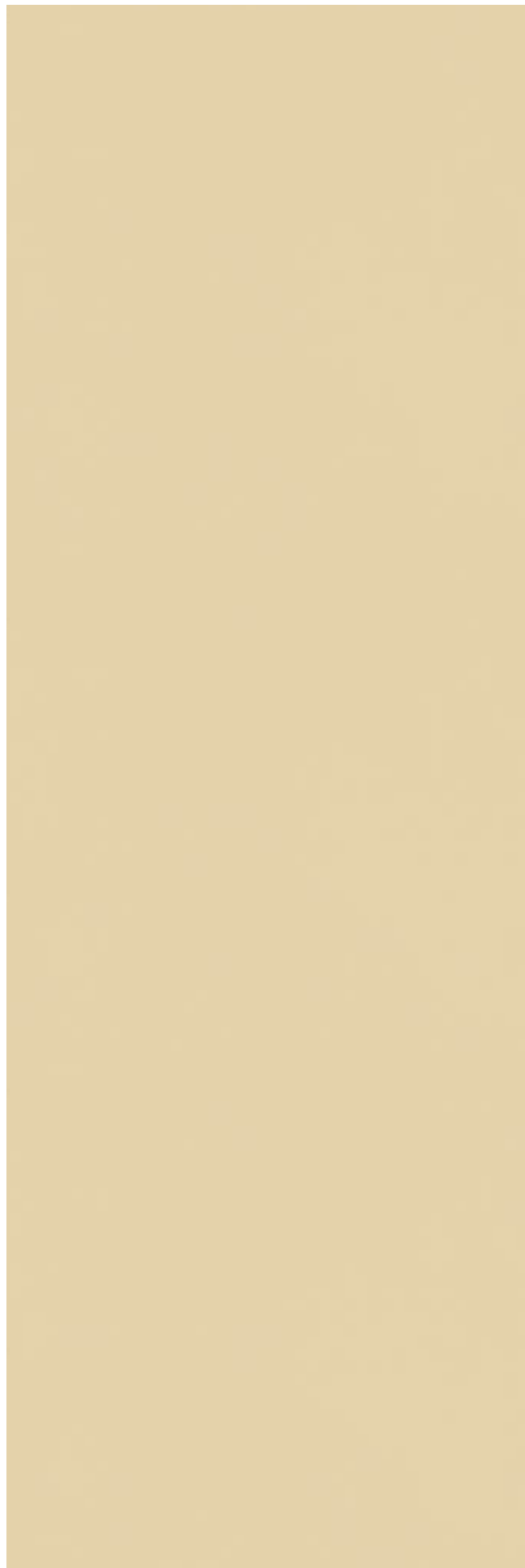
Thickness
15mm

MONOLITH SERIES



Thickness
15mm

MONOLITH SERIES



MONOLITH
SAND

Finish: Glossy | Size: 800 x 2400 mm



MONOLITH SILVER

Finish: Glossy | Size: 800 x 2400 mm

Thickness
15mm

MONOLITH SERIES



MONOLITH
FAWN

Finish: Glossy | Size: 800 x 2400 mm

Thickness
15mm

M O N O L I T H S E R I E S



Thickness
15mm

MONOLITH SERIES



MONOLITH ASHEN

Finish: Glossy | Size: 800 x 2400 mm



MONOLITH MIDNIGHT

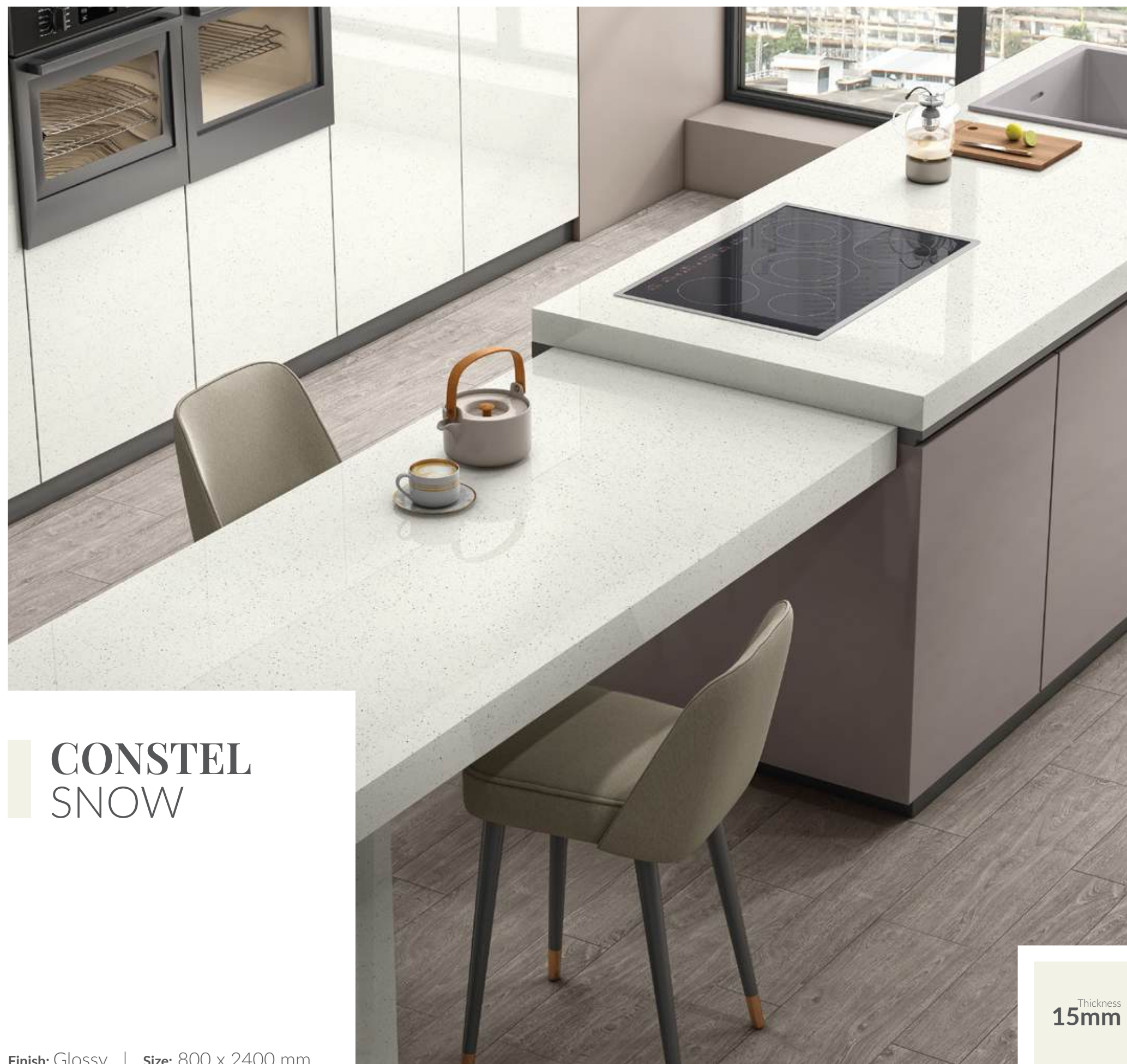
Finish: Glossy | Size: 800 x 2400 mm

Thickness
15mm

MONOLITH SERIES

“
Strength
and Style,
All the Way”





CONSTEL
SNOW

Finish: Glossy | Size: 800 x 2400 mm

Thickness
15mm

C O N S T E L S E R I E S



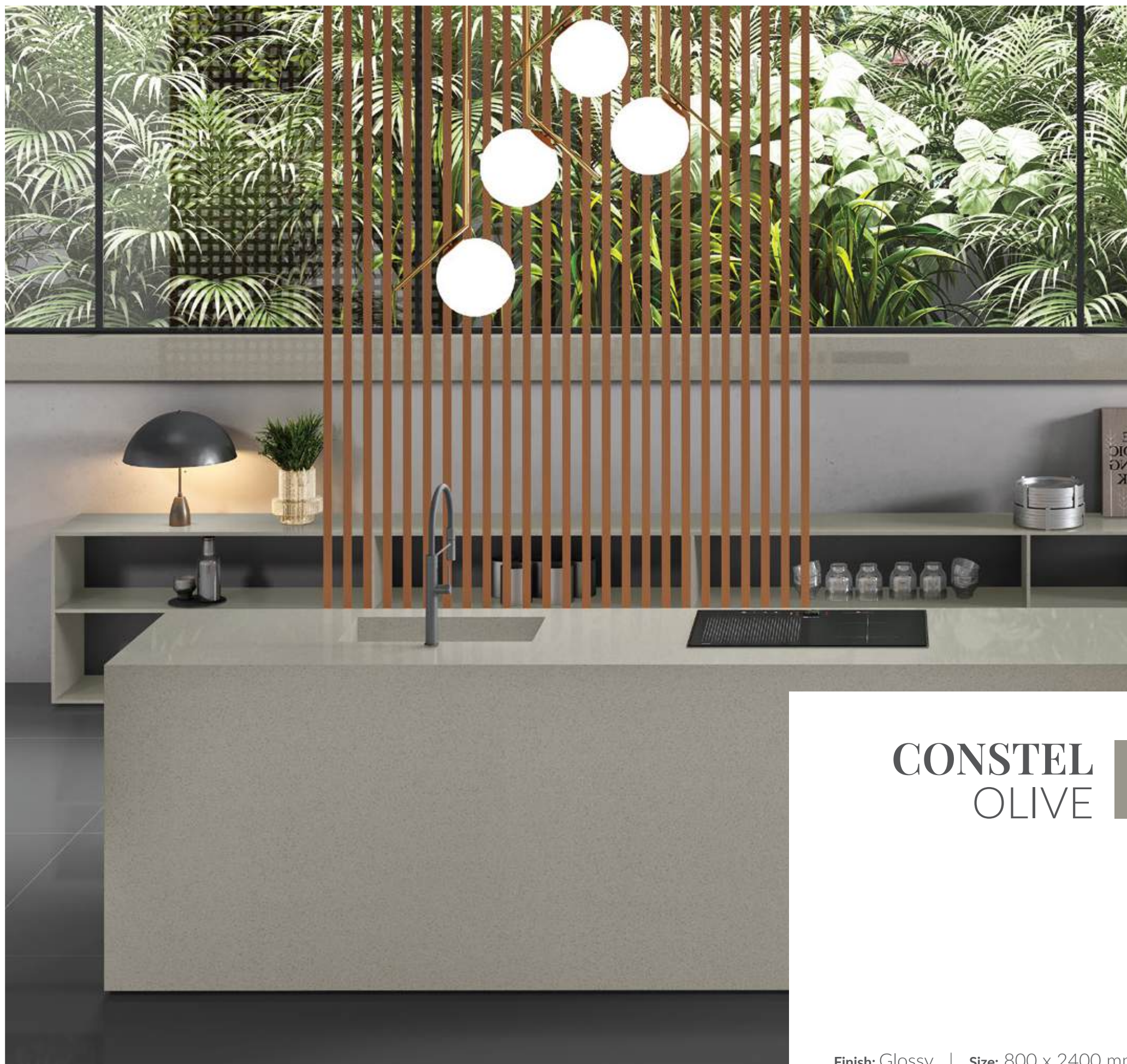
Thickness
15mm



CONSTEL
FROST

Finish: Glossy | Size: 800 x 2400 mm

C O N S T E L S E R I E S

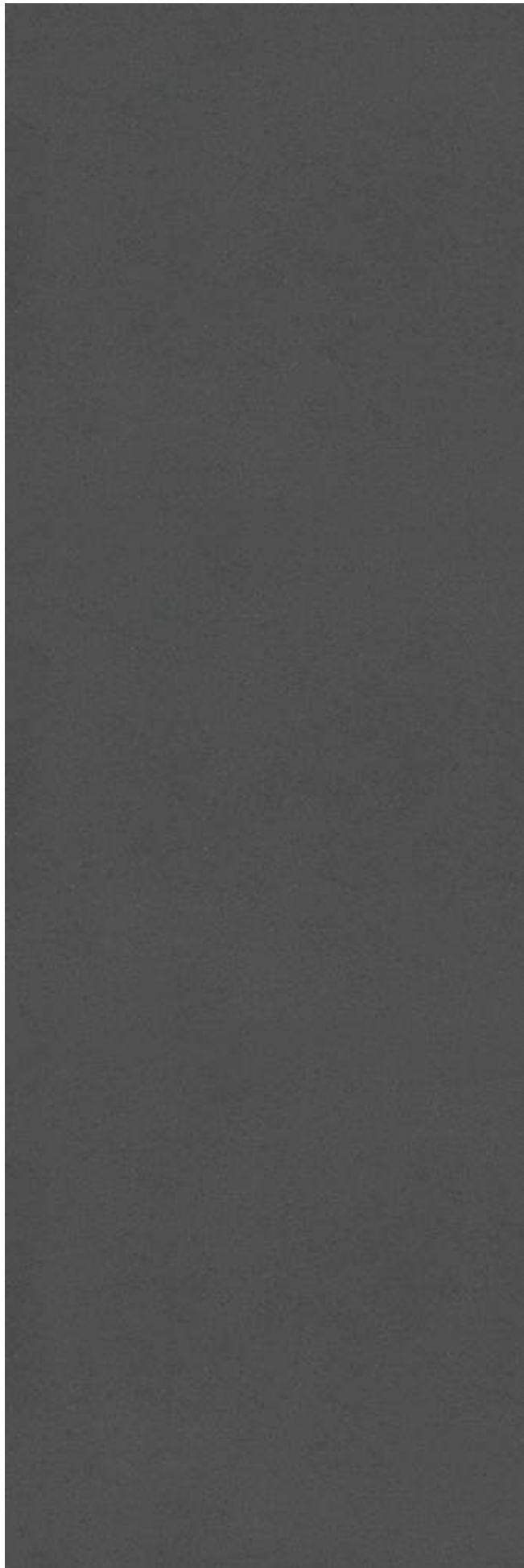


CONSTEL OLIVE

Finish: Glossy | Size: 800 x 2400 mm

Thickness
15mm

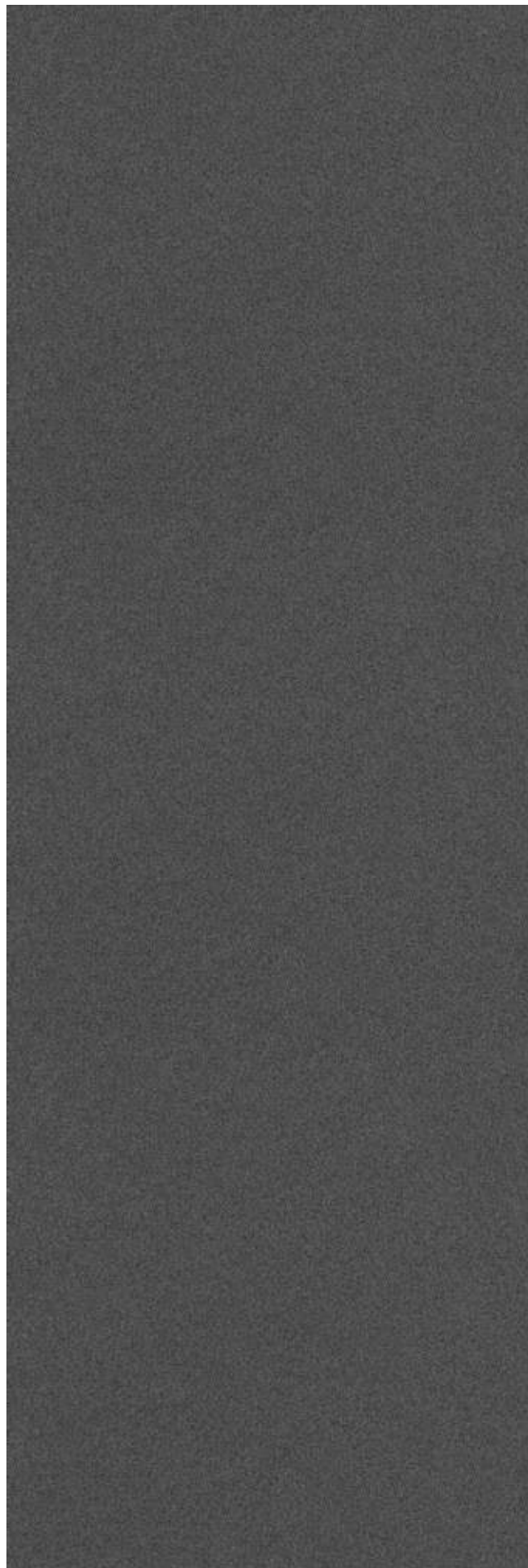
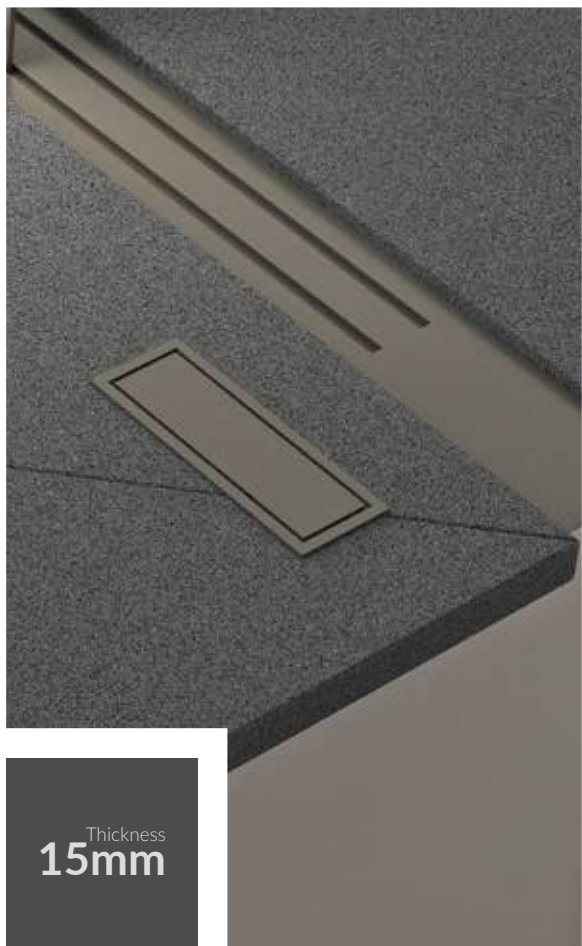
CONSTEL SERIES



CONSTEL
CHARCOAL

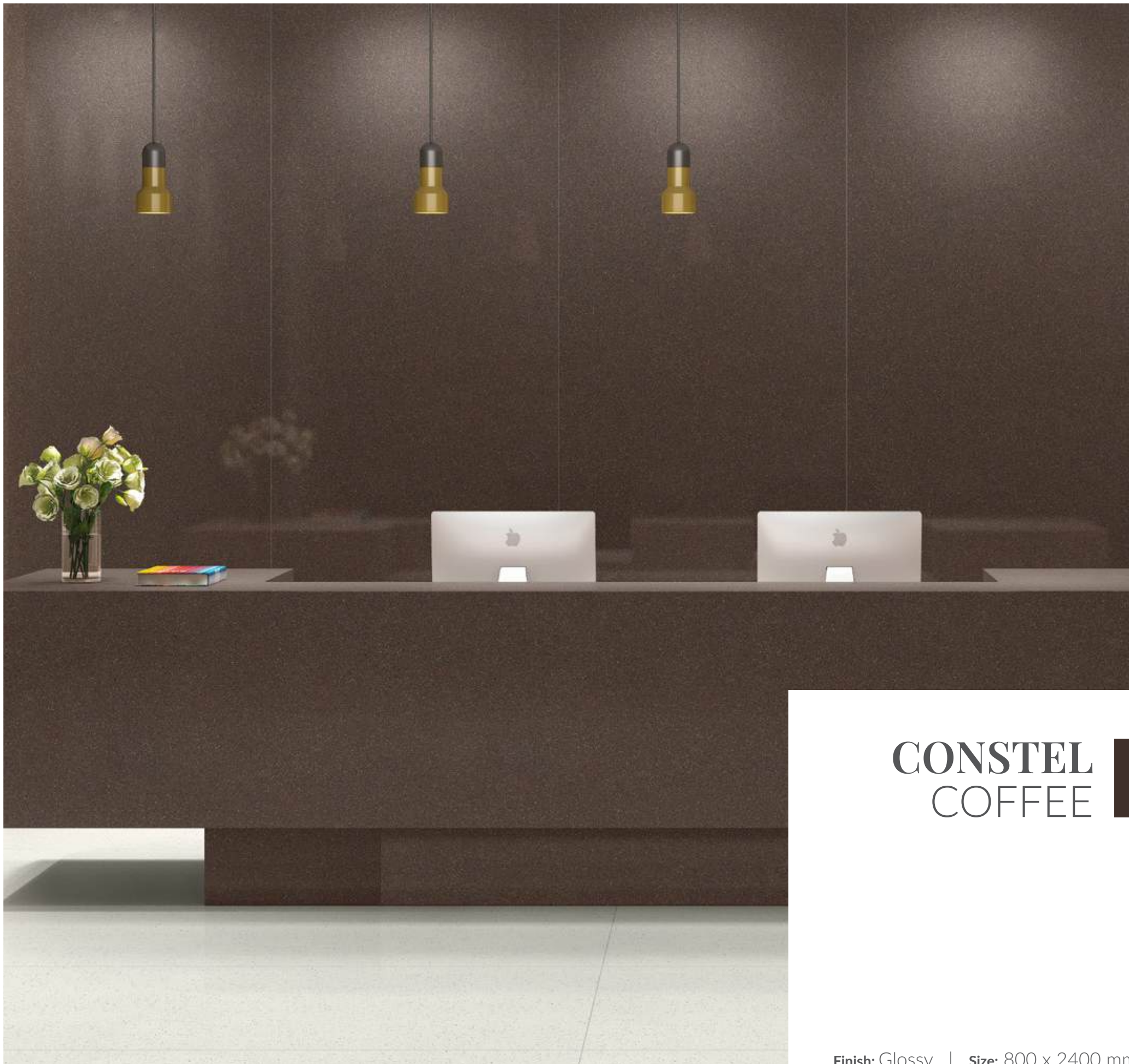
Finish: Glossy | Size: 800 x 2400 mm

Thickness
15mm



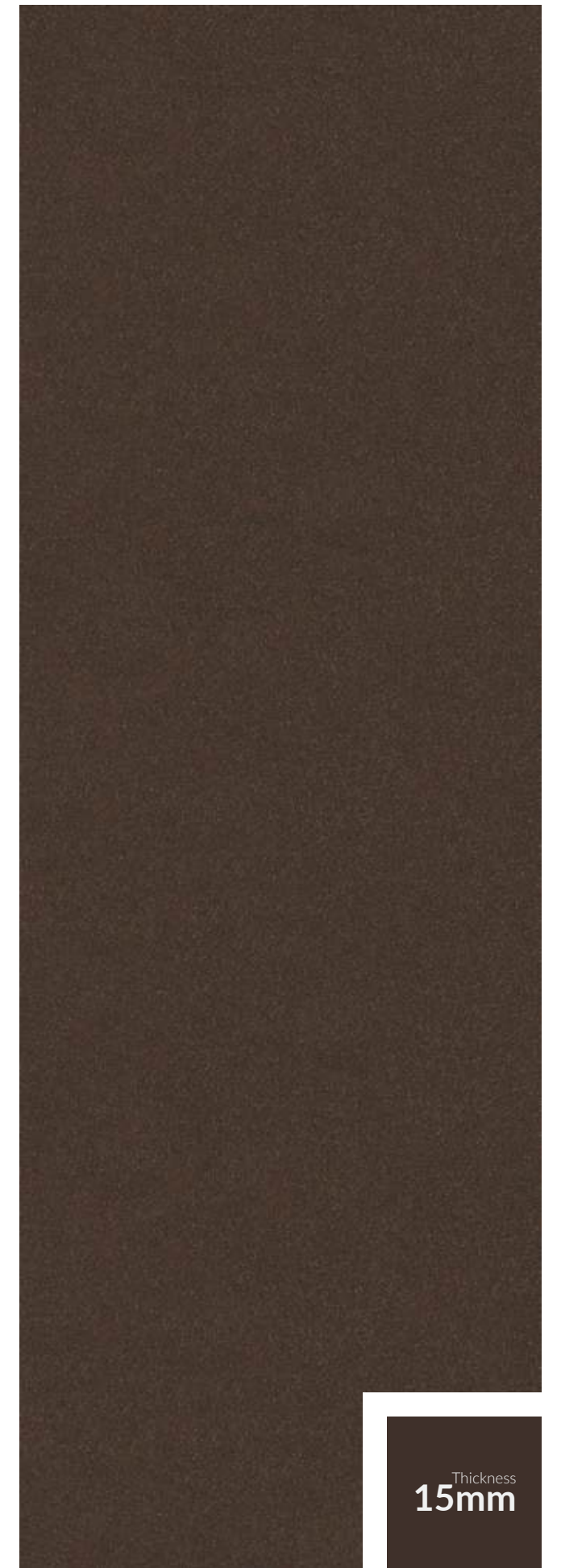
CONSTEL
SLATE

Finish: Glossy | Size: 800 x 2400 mm



CONSTEL COFFEE

Finish: Glossy | Size: 800 x 2400 mm



Thickness
15mm

CONSTEL SERIES



CONSTEL
NIGHT STAR

Finish: Glossy | Size: 800 x 2400 mm

Thickness
15mm

C O N S T E L S E R I E S



“
The Beauty
of Stone,
The Power of
Engineering.”



Thickness
15mm



MILKY
WAY

Finish: Glossy | Size: 800 x 2400 mm

Applications

Discover the extraordinary potential of full-body tiles. These versatile formats offer unparalleled design and functionality, redefining spaces with seamlessly practical and breathtakingly aesthetic solutions. Engineered with uniform consistency, they create expansive, uninterrupted surfaces, enhancing hygiene and simplifying maintenance. Their inherent durability ensures exceptional resistance to wear, stains, and the elements, guaranteeing long-lasting beauty for any space, from residential to high-traffic commercial environments. With full-body tiles, you're empowered to create something enduring, practical, and undeniably distinct.



Residential Areas



Commercial Areas



Hospital Areas



Shops and Malls



Hotel and Restaurants



Schools and Colleges



Religious Places



Railway Stations



Parks & Outdoor



Public Places



Kitchen Countertop



Dining Table



Table Top



Door and Window Frames



Shower Base



Wash Basin



Shelves



Staircase



Bathtub



Edge Profiles

Our collection's exceptional thickness and strength enable precise crafting of versatile edge profiles that enhance both aesthetics and functionality in furniture applications. At our Silvassa facility, we specialize in in-house customization of these profiles, ensuring high-quality, tailored solutions that meet specific client needs swiftly and efficiently—delivering refined, durable, and safe finishes for residential and commercial



HALF BULLNOSE



DEMI BULLNOSE



SQUARED EDGE AT 45°



CRESCENT



STRAIGHT SQUARED EDGE

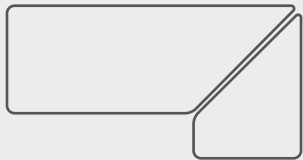


FULL BULLNOSE



DOUBLE STRAIGHT SQUARED EDGE

Joint Possibilities



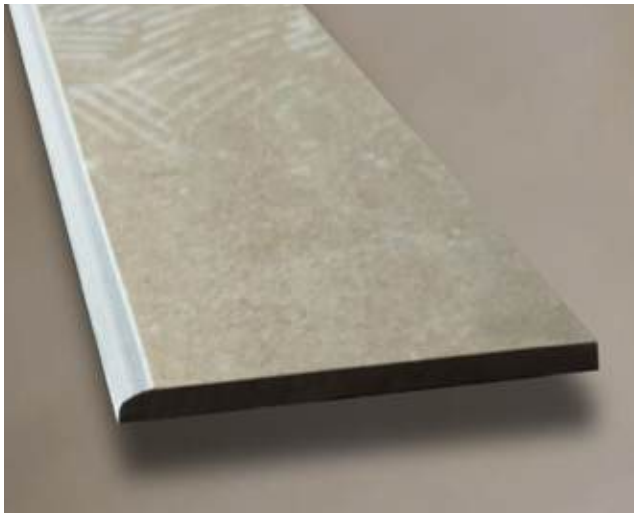
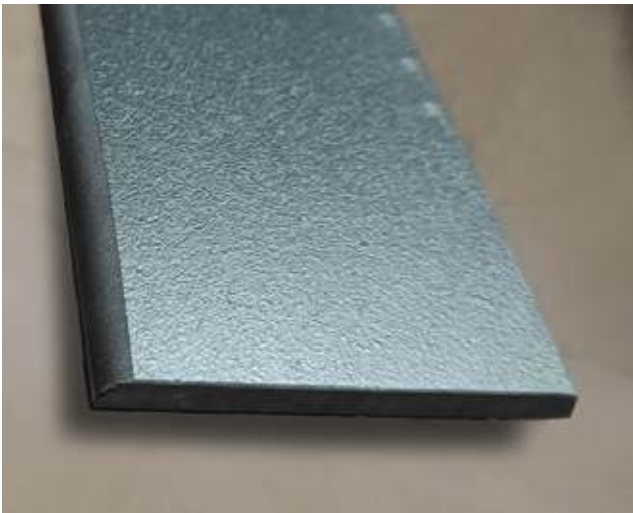
45° CORNER



BIRDS BEAK

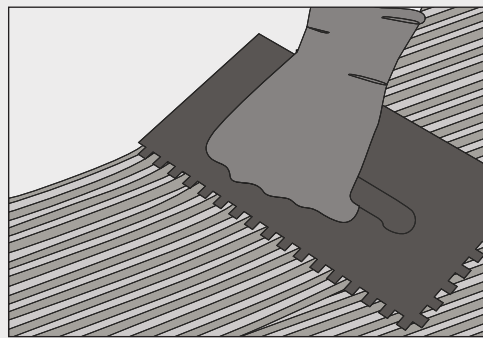


SOFT CORNER



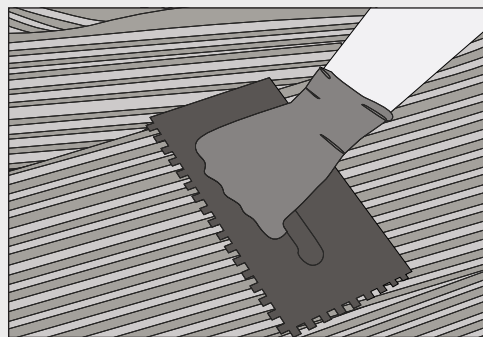
Instructions for Manual Installation

Achieving a durable and aesthetically pleasing tile installation hinges on correct adhesive application. This section provides essential steps and best practices to ensure a secure bond, prevent common issues, and lay the foundation for a flawless, long-lasting finish.



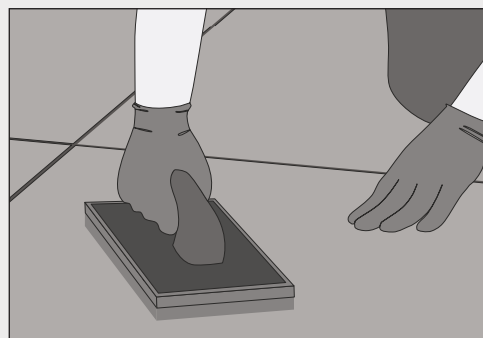
Single-Layer Method

This method applies solely to adhesives designated "single layer" by the manufacturer. For optimal results, spread the adhesive uniformly across the entire substrate. Always adhere to the manufacturer's specific guidelines for notched trowel selection and spreading technique to ensure proper application and maximum performance.



Double-Layer Method

For a strong and lasting bond, utilize the double-layer adhesive technique. Begin by applying a full bed of adhesive to the substrate using a 6mm square-notched trowel. Follow this with an even layer of adhesive on the back of the slab, applied with a 3mm square-notched trowel. For optimal adhesion, especially in high-stress areas, ensure additional adhesive is applied to the corners of the slab/tile.



Compressing The Tile

After layering the tile, firmly press it onto the surface to eliminate gaps and air bubbles. For optimal adhesion and even contact, use a rubber-bottomed tile beater.



TECHNICAL SPECIFICATION - Full Body (Glossy) 800x2400x15 mm

CHARACTERISTIC	STANDARD METHOD FOR TESTING	REQUIREMENTS AS PER ISO13006:2018 GR. BIA	UNGLAZED (GLOSSY)	
			800mm	2400mm
Regulatory Properties				
Deviation in Lenqth and Width	ISO 10545-2	±0.30 % (±1.00 mm)	±1.0 mm (±0.13 %)	±1.0 mm (±0.042 %)
Deviation in Thickness	ISO 10545-2	±5.0 % (±0.50 mm)	±0.5 mm (±5.0 %)	
Straightness in Side	ISO 10545-2	±0.30 % (±0.80 mm)	±0.8 mm (±0.10 %)	±0.8 mm (±0.033 %)
Rectangulority	ISO 10545-2	±0.30 % (±1.50 mm)	±1.4 mm (±0.18 %)	±1.4 mm (±0.058 %)
Surface Flatness Central Curvature	ISO 10545-2	±0.40 % (±1.80 mm)	±1.8 mm(±0.20 %)	±1.8 mm(±0.075 %)
Surface Flatness Edge Curvature	ISO 10545-2	±0.40 % (±1.80 mm)	±1.8 mm(±0.20 %)	±1.8 mm(±0.075 %)
Surface Flatness Warpage	ISO 10545-2	±0.40 % (±1.80 mm)	±18 mm (±0.20 %)	±1.8 mm(±0.075 %)
Surface Quality	ISO 10545-2	>95% defects Free	>95% defects free	
Structural Properties				
Water Absorption	ISO 10545-3	≤0.50 %	≤0.08 %	
Bulk Density	ISO 10545-3	As per Manufacturer	>2.28 gm/cc	
Massive Mechanical Properties				
Modulus of Rupture >7.5 mm	ISO 10545-4	Min. 35.0 N/mm’	Min. 38.0 N/mm'	
Breaking Strenqth Thickness >7.5 mm (15 mm)	ISO 10545-4	Min 1300.0 N	Min 2500.0 N	
Surface Mechanical Properties				
MOH S Hardness	BS EN 15771	As per Manufacturer	Min 5	
Surface Abrasion Resistance	ISO 10545-7	As per Manufacturer	N.A	
Deep Abrasion	ISO 10545-6	<175 mm	<132 mm	
Impact Resistance (COR)	ISO 10545-5	Min. 0.55	Min 0.55	
Thermal Hygrometric Properties				
Moisture Expansion	ISO 10545-10	Max 0.06 % (0.6 mm/m)	Max 0.02 mm/m	
Thermal Expansion (COE) at 100°C	ISO 10545-8	As per Manufacturer	Max. 6.0 x 10 ⁶ Min	
Thermal Shock Resistance	ISO 10545-9	Min 10 Cycle	Min 10 Cycle	
Frost Resistance	ISO 10545-12	As per Manufacturer	Frost Proof up to 10 Cycle	
Chemical Properties				
Resistance to Staining	ISO 10545-14	Min. Class 3	Min. Class 4	
Resistance to Household Chemical & Swimming Pool	ISO 10545-13	Min Class GB	Min Class UB	
Resistance to Low Concentrate Acid and Alkalis	ISO-10545-13	As per Manufacturer	Min Class LB	
Resistance to High Concentrate Acid and Alkalis	ISO-10545-13	As per Manufacturer	Min Class HB	
Slip Resistance - (R Value)	DIN 51130	As per Manufacturer	For Glossy Not Applicable	

The reproduction of tiles in this catalogue is restricted to four colour printing only and tiles are not relative in sizes. Conforming to ISO requirements, technical specifications of NITCO tiles are applicable only for first grade / first quality tiles. Please inspect all tiles prior to installation. Company will not entertain complaints once tiles are laid / fixed. Price category & PEI grade may change without any notice. Customers are advised to confirm it before placing order.

TECHNICAL SPECIFICATION - Full Body (Matte) 800x2400x15 mm

CHARACTERISTIC	STANDARD METHOD FOR TESTING	REQUIREMENTS AS PER ISO13006:2018 GR. BIA	UNGLAZED (MATTE)	
			800mm	2400mm
Regulatory Properties				
Deviation in Lenqth and Width	ISO 10545-2	±0.30 % (±1.00 mm)	±1.0 mm (±0.13 %)	±1.0 mm (±0.042 %)
Deviation in Thickness	ISO 10545-2	±5.0 % (±0.50 mm)	±0.5 mm (±5.0 %)	
Straightness in Side	ISO 10545-2	±0.30 % (±0.80 mm)	±0.8 mm (±0.10 %)	±0.8 mm (±0.033 %)
Rectangulority	ISO 10545-2	±0.30 % (±1.50 mm)	±1.4 mm (±0.18 %)	±1.4 mm (±0.058 %)
Surface Flatness Central Curvature	ISO 10545-2	±0.40 % (±1.80 mm)	±1.8 mm(±0.20 %)	±1.8 mm(±0.075 %)
Surface Flatness Edge Curvature	ISO 10545-2	±0.40 % (±1.80 mm)	±1.8 mm(±0.20 %)	±1.8 mm(±0.075 %)
Surface Flatness Warpage	ISO 10545-2	±0.40 % (±1.80 mm)	±18 mm (±0.20 %)	±1.8 mm(±0.075 %)
Surface Quality	ISO 10545-2	>95% defects Free	>95% defects free	
Structural Properties				
Water Absorption	ISO 10545-3	≤0.50 %	≤0.08 %	
Bulk Density	ISO 10545-3	As per Manufacturer	>2.28 gm/cc	
Massive Mechanical Properties				
Modulus of Rupture >7.5 mm	ISO 10545-4	Min. 35.0 N/mm’	Min. 38.0 N/mm'	
Breaking Strenqth Thickness >7.5 mm (15 mm)	ISO 10545-4	Min 1300.0 N	Min 2500.0 N	
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MOH S Hardness	BS EN 15771	As per Manufacturer	Min 5	
Surface Abrasion Resistance	ISO 10545-7	As per Manufacturer	N.A	
Deep Abrasion	ISO 10545-6	<175 mm	<132 mm	
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Thermal Hygrometric Properties				
Moisture Expansion	ISO 10545-10	Max 0.06 % (0.6 mm/m)	Max 0.02 mm/m	
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Frost Resistance	ISO 10545-12	As per Manufacturer	Frost Proof up to 10 Cycle	
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Resistance to Staining	ISO 10545-14	Min. Class 3	Min. Class 4	
Resistance to Household Chemical & Swimming Pool	ISO 10545-13	Min Class GB	Min Class UB	
Resistance to Low Concentrate Acid and Alkalis	ISO-10545-13	As per Manufacturer	Min Class LB	
Resistance to High Concentrate Acid and Alkalis	ISO-10545-13	As per Manufacturer	Min Class HB	
Slip Resistance - (R Value)	DIN 51130	As per Manufacturer	R9	

Packing Details


Dimensions	Tiles / Box	Coverage Area/Box	
		Sq. Mtrs.	Sq. ft.
800mm x 2400 mm	1	1.92	20.67

Experience Centers

Kanjurmarg Nitco House,Seth Govindram jolly marg, opposite Royal park, Nehru Nagar,Kanjurmarg East, Mumbai, Maharashtra 400042	Worli Asphalt Compound, Recondo Compound, Sudam Kalu Ahire Marg, inside Municipal Building, Hanuman Nagar, Worli, Mumbai, Maharashtra 400030
Bangalore Shop No 2, Union St, off Infantry Road, near Medinova Diagnostic Centre, Shivaji Nagar, Bengaluru, Karnataka 560001	Cochin Shop No 50/390 B & C, Madhushila Chamber, Palace Road, Junction, NH544, nearby Metro Pillar No 435, Edappally, Kochi, Kerala 682024
Delhi Building No, PN B1/A15, opposite Metro Pillar No 338 A, Block B1, Block E, Mohan Cooperative Industrial Estate, Badarpur, New Delhi 110044	Kolkata Arcadia Center, 4th Floor, 31 - Dr. Ambedkar Sarani, Topsia, Kolkata, West Bengal 700046
Chennai Vairam Complex, Commercial Complex, DN 112, Third, Sir Thyagaraya Rd, nearby Globus, T. Nagar, Chennai, Tamil Nadu 600017	Secunderabad Shop No 107, Second Floor, Jain Estate, Park Ln, opposite Nanking Restaurant, Kalasiguda,, Secunderabad, Hyderabad, Telangana 500003
Chandigarh (Panchkula) NITCO Ltd. sco 367, first floor sector 8, panchkula, Haryana 134109	

Franchise Stores



<p>Call to locate a store near you</p> <p>1800 266 4826</p>	OR	<p>Scan to locate a store near you</p> 
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Notes