

# Nexion interprets Wood

ESSENZE COLLECTION

Essenze brings the intense taste of four precious woods that are highly appreciated in the architectural field for their ability to combine solidity and durability with refined natural elegance. Through extensive researches, Nexion has selected some of the most renowned varieties of Eucalyptus, Walnut, Middle Oak and Tortora Oak, characterized by fascinating patterns of knots, veins, nuances and other natural elements.

Inspired by their beauty, Nexion has devised a new sintered surface that transmits all the wood warmth and elevate its technical features. Among those, this surface is extremely durable, highly resistant to chemicals, stains and abrasions which makes it particularly suitable for high traffic public spaces. Essenze is offered in 20x120 size to be even more bonded to its natural inspiration.

The result is a collection that interprets the spontaneous and authentic charm of prestigious essences with a modern language, making it functional to the realization of the most ambitious projects. Essenze brings the best inspiration of contemporary Italian design in every type of space and setting.

## Nexion about

Nexion is a brand of Nexion International, a multinational ceramic company that is the result of a partnership between two large family groups that have always been leaders in their reference markets: Ceramiche Speranza, the best in its class Italian firm founded in 1961, that has setup the state of the art manufacturing facilities in India together with the Aghara family, one of the leading players in ceramics and sanitary ware in India since 1977.

With mastery of technology and design, we turn the best of the Italian tradition and lifestyle into contemporary ceramic surfaces that can be source of inspiration for architects and designers around the world.

Open-minded and keen to learn from customers and partners, we are committed to deliver the best quality and service and we believe that our work ends when our clients fulfill their desires and achieve their goals.

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WOOD | Essenze



**4 Inspirations**  
varieties of wood in their unique natural colours.

**Size**  
long planks, inspired to natural wood, to recreate the romance of parquet.

20x120 cm



20x120 cm  
F22ESXBONRO Rovere Chiaro



20x120 cm  
F22ESXGINRO Rovere Tortora

**Nexion installation suggestions**

Nexion recommends 2 mm joint for optimal aesthetics taking advantage of the tiles caliber in multi-sized applications. Both cement and epoxy grout can be used; grout-design color matching advisable for optimal aesthetics. It is not recommended to use grouting with colored pigments in contrast with the color of the tiles. For detailed installation guidelines log on [www.nexiontiles.com](http://www.nexiontiles.com)

Full body-colored porcelain stoneware (international standard) | Vitrified stoneware (indian standard), Rectified | 9 mm thickness



20x120 cm  
F22ESXFONRO Noce



20x120 cm  
F22ESXFINRO Eucalipto

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**Nexion quality standards**

ALL TESTS ARE CARRIED OUT BY ITALIAN LABORATORIES ACCREDITED ACCORDING TO ISO/IEC 17025:2017  
Standards according to ISO 13006: Annex G - EN 14411: Annex G, Dry - Pressed Ceramic Tiles.

QUALITY ITEMS	TECHNICAL FEATURE	STANDARD METHOD ISO	UNIT	REQUIREMENTS ISO 13006:2018(E) E <sub>v</sub> -0,5% GROUP Bla	NEXION Values			
					SIZE < 1200 mm		SIZE ≥ 1200 mm (SLABS)	
					%	mm	%	mm
DIMENSIONS AND SURFACE QUALITY	Width	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 0,8 mm	± 0,1%	± 1 mm
	Length	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 0,8 mm	± 0,1%	± 1,2 mm
	Thickness	ISO 10545 - 2	mm	± 5,0%	± 4%	± 0,5 mm	± 4%	± 0,5 mm
	Straightness of Side	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 0,8 mm	± 0,1%	± 1 mm
	Rectangularity	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 1,3 mm	± 0,1%	± 1,5 mm
	Surface Flatness	ISO 10545 - 2	mm	± 0,4%	± 0,1%	± 1,8 mm	± 0,2%	± 3 mm
	Surface Quality	ISO 10545 - 2	-	A minimum of 95% of the tiles are to be free from visible defects which can impair the appearance of a major area of tiles.		95%		
PHYSICAL PROPERTIES	Water Absorption	ISO 10545 - 3	%	≤ 0,5%, Individual 0,6%	Avg. ≤ 0,08%, Individual 0,2%			
	Modulus of Rupture	ISO 10545 - 4	N/mm <sup>2</sup>	Min. 35, Individual Min. 32	Min. 42			
	Breaking Strength	ISO 10545 - 4	N	Not less than 1300	Min. 1800			
	Moisture Expansion	ISO 10545 - 10	mm/m	-	0,02			
	Surface Abrasion	ISO 10545-7	Class	Minimum Class -II	Class IV			
	Resistance to surface abrasion of glazed tiles intended for use on floors			Report abrasion class and cycles passed				
	Mohs Hardness of surface	NA	-	-	7			
	Coefficient of linear thermal expansion from ambient temperature to 100 °C	ISO 10545 - 8	K <sup>1</sup>	As declared by the Manufacturer	6x10 <sup>-6</sup> K <sup>1</sup> max			
	Thermal Shock Resistance	ISO 10545 - 9	-	As declared by the Manufacturer	No damage			
	Crazing Resistance: glazed tiles	ISO 10545 - 11	-	Required	No damage for Min. 10 Cycles			
	Bulk Density	ISO 10545 - 3	g/cc	2,2	2,2			
	Impact Resistance	ISO 10545 - 5	-	As declared by the Manufacturer	0,55			
	Frost Resistance	ISO 10545 - 12	-	As declared by the Manufacturer	No change			
Slip Resistance	ANSI A1371 DIN 51130	-	As declared by the Manufacturer	DCOF > 0,51 R-10				
Small color differences	ISO 10545 - 16	-	Plain colored tiles only where required GL: ΔE < 0,75 UGL: ΔE < 1,0	No change				
CHEMICAL PROPERTIES	Resistance to staining	ISO 10545 - 14	Class	Minimum Class 3	Class 4			
	Resistance to household chemicals and swimming pool salts	ISO 10545 - 13	Class	Minimum B	Minimum A			
	Resistance to acids & alkalis	ISO 10545 - 13	Class	As declared by the Manufacturer	Minimum B			

**Packaging info**

Shipments to domestic markets (India)

Nominal Size cm	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)
20x120	9	6	1,42	30,00

Worldwide shipments

Nominal Size cm	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)	Box x pallet	Sq. mt x pallet	Pallet weight (Kg)
20x120	9	6	1,42	30,00	33	46,93	1013,00

Size	
Nominal Size cm	Actual Size cm
20x120	19,8x119,8

Tiles are packaged in a random manner and company cannot guarantee the type of faces inside each package.





ROVERE CHIARO  
available also in Rovere Tortora



NOCE



EUCALIPTO