

TERRACOTTA



# Nexion interprets Terracotta

## TERRACOTTA COLLECTION

The inspiration for the Terracotta collection is self-explanatory. The most ancient ceramic material, terracotta - with its characteristic reddish hue and porous consistency - has been used since the dawn of time, in all civilisations, and continues to find contemporary applications. An underlying theme that has accompanied the entire history of humanity, allowing the production of buildings, tools, sculptures, and other artistic creations.

Using its extensive knowledge of the raw material and its equal production mastery, Nexion has chosen a type of terracotta widely used in Italy for the construction of its world-renowned old towns, recreating the colour tones and surface finishes down to the smallest details, with three appealing colour options offering different levels of light.

The result is a collection that offers the unique personality of an archetypal material with a contemporary language and excellent technical qualities (strength and longevity), making it ideal for complex and challenging architectural projects. A collection that brings with it inspiration from the best of contemporary Italian design, in all settings and circumstances.

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

**3 Inspirations**  
to bring out the essential beauty  
of terracotta.

**1 Size**  
for a modern, versatile,  
and modular design.  
60x120 cm



Terracotta Chiaro 60x120 cm  
F62TERCONRO



Terracotta Medio 60x120 cm  
F62TERCINRO



Terracotta Scuro 60x120 cm  
F62TERC2NRO

### Nexion installation suggestions for floor applications

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 coloured pigments in contrast with the colour of the tiles.



Printed in August 2019

### Nexion quality standards

ALL TESTS ARE CARRIED OUT BY ITALIAN LABORATORIES ACCREDITED ACCORDING TO ISO/IEC 17025:2005  
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(EN) E <sub>p</sub> <math>\pm 0.5\%</math> GROUP B1a	NEXION Values			
					SIZE < 1200 mm		SIZE > 1200 mm (SLABS)	
					%	mm	%	mm
DIMENSIONS AND SURFACE QUALITY	Width	ISO 10545 - 2	mm	$\pm 0.3\%$	+ 0.1%	$\pm 0.8$ mm	$\pm 0.1\%$	+ 1 mm
	Length	ISO 10545 - 2	mm	$\pm 0.3\%$	+ 0.1%	$\pm 0.8$ mm	$\pm 0.1\%$	$\pm 1.2$ mm
	Thickness	ISO 10545 - 2	mm	$\pm 5.0\%$	+ 4%	$\pm 0.5$ mm	+ 4%	$\pm 0.5$ mm
	Straightness of Side	ISO 10545 - 2	mm	$\pm 0.3\%$	+ 0.1%	$\pm 0.8$ mm	$\pm 0.1\%$	+ 1 mm
	Rectangularity	ISO 10545 - 2	mm	$\pm 0.3\%$	+ 0.1%	$\pm 1.3$ mm	$\pm 0.1\%$	$\pm 1.5$ mm
	Surface Flatness	ISO 10545 - 2	mm	$\pm 0.4\%$	+ 0.1%	$\pm 1.8$ mm	$\pm 0.2\%$	$\pm 3$ 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	%	$\leq 0.5\%$ , Individual 0.6%	Avg. $\leq 0.08\%$ , 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/h	-	0.02			
	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	NA	gr/cc	2.2	2.2			
	Impact Resistant	ISO 10545 - 5	-	As declared by the Manufacturer	0.55			
Frost Resistant	ISO 10545 - 12	-	As declared by the Manufacturer	No change				
CHEMICAL PROPERTIES	Small colour differences	ISO 10545 - 16	-	Plain coloured tiles only where required GL: $\Delta E < 0.75$ UGL: $\Delta E < 1.0$	No change			
	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	Compliant			
Resistance to acids & alkalis	ISO 10545 - 13	Class	As declared by the Manufacturer	Compliant				

### Packaging info

Shipments to domestic markets (India)

Nominal	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)
60x120	9	2	1,43	31,00

Worldwide shipments

Nominal	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)	Box x pallet	Sq. Mts x pallet	Pallet weight
60x120	9	2	1,43	31,00	32,00	45,82	1015,00

Size	
Nominal Size cm	Actual Size cm
60x120	59,8x119,8



