

fcm| surfaces

LET'S CREATE INSPIRED WORK TOGETHER



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.

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.

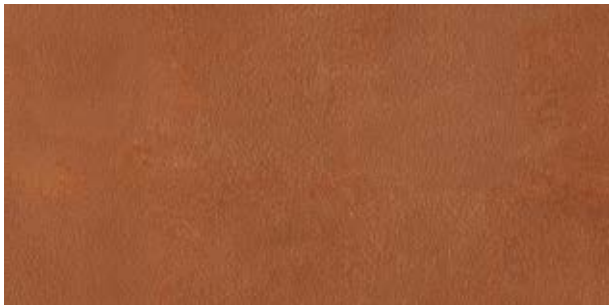
1 Size
for a modern, versatile,
and modular design.
60x120 cm



Terracotta Chiaro 60x120 cm
F62TERCONRO



Terracotta Medio 60x120 cm
F62TERC1NRO



Terracotta Scuro 60x120 cm
F62TERC2NRO



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QUALITY ITEMS	TECHNICAL FEATURE	STANDARD METHOD ISO	UNIT	REQUIREMENTS ISO 13006:2018(E) & -0,5% GROUP Bla	NEXION Values			
DIMENSIONS AND SURFACE QUALITY					SIZE < 1200 mm		SIZE ≥ 1200 mm (SLABS)	
					%	mm	%	mm
	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
PHYSICAL PROPERTIES	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%		
	Water Absorption	ISO 10545 - 3	%	≤ 0,5%, Individual 0,6%		Avg. ≤ 0,08%, Individual 0,2%		
	Modulus of Rapture	ISO 10545 - 4	N/mm²	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 Report abrasion class and cycles passed		Class IV		
	Resistance to surface abrasion of glazed tiles intended for use on floors							
	Mohs Hardness of surface	NA	-	-		7		
	Coefficient of linear thermal expansion from ambient temperature to 100 °C	ISO 10545 - 8	K ⁻¹	As declared by the Manufacturer		6x10 ⁻⁶ K ⁻¹ 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		
CHEMICAL PROPERTIES	Slip Resistance	ANSI A137.1 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		
	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		
		ISO 10545 - 13	Class	As declared by the Manufacturer		Minimum B		

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	30,00

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	30,00	32,00	45,82	1003,00

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



