



TECHNICAL PRODUCT SHEET

MODEL	CRISTALLO 120 NERO	
SIZE	NOMINAL SIZE: 60x120 CM 24"X48"	
	WORK SIZE (W) in mm: 600'0 x 1200'0 x 10'2	
REQUIREMENTS	<input checked="" type="checkbox"/>	PORCELAIN
	<input type="checkbox"/>	WHITE BODY
	<input type="checkbox"/>	RED BODY
DIMENSIONS AND SURFACE QUALITY	<input checked="" type="checkbox"/>	RECTIFIED MATT
	<input type="checkbox"/>	RECTIFIED POLISHED OR SEMIPOLISHED
	<input type="checkbox"/>	RECTIFIED SOFT POLISHED
	<input type="checkbox"/>	RECTIFIED BRIGHT
	<input type="checkbox"/>	BRIGHT (NO RECTIFIED)
	<input type="checkbox"/>	MATT(NO RECTIFIED)

PROPIEDADES	NORMA UNE-EN 14411		Cristallo Nero		TEST
DIMENSIONS AND SURFACE QUALITY		%	mm	%	
LENGTH (L) AND WIDTH (W) The deviation of the average size for each tile (2 or 4 sides) from the work size (W)	± 2.0	± 0.60 %	± 0.5	± 0.08 % / ± 0.04 %	ISO 10545-2
THICKNESS The deviation of the average thickness of each tile from the work size thickness.	± 0.5	± 5%	± 0.2	± 2.0 %	ISO 10545-2
STRAIGHTNESS OF SIDES (FACIAL SIDES) The maximum deviation from straightness, in mm, related to the corresponding work sizes.	±1.5	± 0.50 %	± 1.0	± 0.20 % / ± 0.10 %	ISO 10545-2
RECTANGULARITY The maximum deviation from rectangularity, in mm, related to the corresponding work sizes.	±2.0	± 0.50 %	± 1.0	± 0.20 % / ± 0.10 %	ISO 10545-2
SURFACE FLATNESS The maximum deviation from flatness in mm: A) Centre curvature, related to diagonal calculated from the work sizes. B) Edge curvature, related to the corresponding work sizes. C) Warpage, related to diagonal calculated from the work sizes	±2.0 ±2.0 ±2.0	± 0.50 % ± 0.50 % ± 0.50 %	+1.2 / -1.0 +1.2 / -1.0 +1.2 / -1.0	+ 0.09 % / - 0.07 % + 0.10 % / - 0.08 % + 0.20 % / - 0.17 %	ISO 10545-2

RECOMMENDED USE		
Glazed wall tiles. Not recommended for floors.	A	<input type="checkbox"/>
For light transit areas with soft soled footwear, such as private bathrooms and bedrooms without direct access to the outside. Any abrasion should be avoided	B	<input type="checkbox"/>
For medium transit areas with soft soled or normal footwear, for example, rooms in the living areas of a home with the exception of entrances, and other rooms that may have a lot of traffic.	C	<input type="checkbox"/>
For medium transit areas with normal footwear. Recommended for all areas of private home (kitchens, entrances, corridors and terraces), as well as offices, consulting rooms and other places of similar use. Medium resistance to abrasion.	D	<input checked="" type="checkbox"/>
For areas of regular transit, such as commercial zones, hotels, exhibition rooms and shops. Fairly high resistance to abrasion.	E	<input type="checkbox"/>
HIGH TRANSIT, floor tiles especially designed for areas of heavy transit. Highly resistant to wear.		<input type="checkbox"/>





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MANUFACTURED PROCESS	Dry-pressed single-fired ceramic tile.	UNE EN 14411
SURFACE QUALITY	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.	ISO 10545-2
PHYSICAL PROPERTIES		
WATER ABSORPTION, percent by mass.	≤ 0.5 %	ISO 10545-3
BREAKING STRENGTH, in N	≥1300	ISO 10545-4
MODULUS OF RUPTURE, in N/mm ²	≥35	ISO 10545-4
ABRASION RESISTANCE: Resistance to surface abrasion of glazed tiles intended for use on floors.	PEI III / MOHS 6	ISO 10545-7
SLIP RESISTANCE: Resistance to slipperiness of glazed tiles intended for use on floors	Class 1	UNE 41901:2017 EX
FROST RESISTANCE	Required	ISO 10545-12
PROPIEDADES QUÍMICAS		
<u>RESISTANCE TO CHEMICALS:</u> Resistance to low concentrations of acids and alkalis. Resistance to high concentrations of acids and alkalis. Resistance to domestic cleaning products. Resistance to household chemicals and swimming pool salts; glazed tiles	Minimum Type GLB Minimum Type GHB Minimum Type GA Minimum Type GA	ISO 10545-13
<u>RESISTANCE TO STAINING:</u> Glazed tiles	Minimum Type 3	ISO 10545-14