

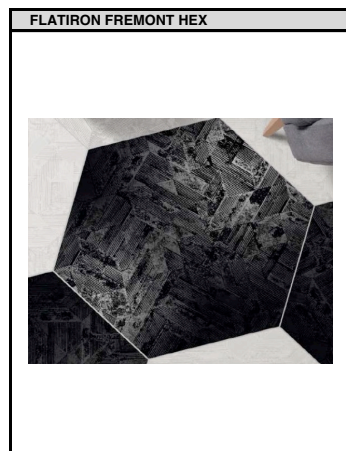
MIRRELLA TILE

TECHNICAL PRODUCT SHEET

MODEL	FLATIRON FREMONT HEX	
SIZE	NOMINAL SIZE: 52x60 CM 20,5"x23,6"	
	WORK SIZE (W) in mm: 520,0 x 600,0 x 9,6	
REQUIREMENTS	X	PORCELAIN
		WHITE BODY
		RED BODY
DIMENSIONS AND SURFACE QUALITY		RECTIFIED MATT
		RECTIFIED POLISHED OR SEMIPOLISHED
		RECTIFIED SOFT POLISHED
		RECTIFIED BRIGHT
		BRIGHT (NO RECTIFIED)
	X	MATT(NO RECTIFIED)

PROPIEDADES	NORMA UNE-EN 14411		FLATIRON FREMONT HEX		TEST
DIMENSIONS AND SURFACE QUALITY	mm	%	mm	%	
<u>LENGTH (L) AND WIDTH (W)</u> The deviation of the average size for each tile (2 or 4 sides) from the work size (W)	± 2.0	± 0.60 %	± 0.3	± 0.03 % / ± 0.05 %	ISO 10545-2
<u>THICKNESS</u> The deviation of the average thickness of each tile from the work size thickness.	± 0.5	± 5%	± 0.2	± 2.1 %	ISO 10545-2
<u>STRAIGHTNESS OF SIDES (FACIAL SIDES)</u> The maximum deviation from straightness, in mm, related to the corresponding work sizes.	±1.5	± 0.50 %	± 0.5	± 0.06 % / ± 0.11 %	ISO 10545-2
<u>RECTANGULARITY</u> The maximum deviation from rectangularity, in mm, related to the corresponding work sizes.	±2.0	± 0.50 %	± 0.5	± 0.06 % / ± 0.11 %	ISO 10545-2
<u>SURFACE FLATNESS</u> 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 / -0.5 +1.2 / -0.5 +1.0 / -0.5	+ 0.18 % / - 0.08 % + 0.39 % / - 0.17 % + 0.19 % / - 0.08 % + 0.15 % / - 0.08 %	ISO 10545-2

RECOMMENDED USE		
Glazed wall tiles. Not recommended for floors.	A	
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	
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	
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	X
For areas of regular transit, such as commercial zones, hotels, exhibition rooms and shops. Fairly high resistance to abrasion.	E	
HIGH TRANSIT, floor tiles especially designed for areas of heavy transit. Highly resistant to wear.	HIGH TRANSIT	



TECHNICAL PRODUCT SHEET				/ 2
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/mm2		≥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		CTE 1		UNE 41901:2017 EX
FROST RESISTANCE		Required		ISO 10545-12
PROPIEDADES QUÍMICAS				
RESISTANCE TO CHEMICALS: 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
RESISTANCE TO STAINING : Glazed tiles		Minimum Type 3		ISO 10545-14