













# TECHNICAL FEATURES

**MAXIMUM®**  
FIANDRE EXTRALITE

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Physical properties	Norms	Required standards	Average value of production	Honed	Average value of production	Polished
 Water absorption	ISO 10545.3	≤0,5%	0,08%		< 0,1%	
 Sizes	ISO 10545.2	Length and width ±0,6% max Thickness ±5% max Linearity ±0,5% max Ortogonalidad ±0,6% max Surface Flatness ±0,5% max	±0,1% ±5,0% - ±0,1% ±0,2%		±0,1% ±5,0% - ±0,1% ±0,2%	
 Modulus of rupture	ISO 10545.4	≥35N/mm <sup>2</sup>	50N/mm <sup>2</sup>		47N/mm <sup>2</sup>	
 Resistance to deep abrasion	ISO 10545.6	≤175 mm <sup>3</sup>	140 mm <sup>3</sup>		140 mm <sup>3</sup>	
 Thermal expansion coefficient	ISO 10545.8	Testing method available	6 MK <sup>-1</sup>		6 MK <sup>-1</sup>	
 Thermal shock resistance	ISO 10545.9	Testing method available	Resistant		Resistant	
 Frost resistance	ISO 10545.12	No sample must show alterations to surface	Frost proof		Frost proof	
 Chemical resistance	ISO 10545.13	No sample must show visible signs of chemical attack (acids-basis-additives for pools) except for products containing hydrofluoric acid and derivatives.	Unaffected		Unaffected	
 Color resistance to light	DIN 51094	No sample must show noticeable colour change	No change in brightness or colour		No change in brightness or colour	
 Brightness (polished)			More or equal than natural marble and granite, polished or honed.		More or equal than natural marble and granite, polished or honed.	
 Skid resistance Average coefficient of friction (μ)	DIN 51130  BCR		R9			
 Stain resistance	ISO 10545.14	Unglazed tiles: testing method available	Resistant to stain	Classe 4 ÷ 5	Resistant to stain	Classe 2 ÷ 3
Fiandre reserves the right to modify technical and formal details included in this catalogue.	According to the EN 14411 Encl. G/ISO 13006 Encl.G for unglazed dry-pressed ceramic tiles of the group B1a.		Dry Rubber Wet Rubber Dry Leather			