

TECHNICAL FEATURES

Physical properties	Norms	Required standards	
 Water absorption	ISO 10545.3	≤0,5%	
 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
 Modulus of rupture	ISO 10545.4	≥35N/mm ²	
 Resistance to deep abrasion	ISO 10545.6	≤175 mm ³	
 Thermal expansion coefficient	ISO 10545.8	Testing method available	
 Thermal shock resistance	ISO 10545.9	Testing method available	
 Frost resistance	ISO 10545.12	No sample must show alterations to surface	
 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 derivate.	
 Color resistance to light	DIN 51094	No sample must show noticeable colour change	
 Brightness (polished)			
 Skid resistance Average coefficient of friction (μ)	DIN 51130		
	BCR		
 Stain resistance	ISO 10545.14	Unglazed tiles: testing method available	
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.	

MAXIMUM® FIANDRE EXTRALITE			MAXIMUM® FIANDRE EXTRALITE			
	Average value of production		Honed (Satin)	Average value of production		Polished
	0,08%			< 0,1%		
	±0,1% ±5,0% - ±0,1% ±0,2%			±0,1% ±5,0% - ±0,1% ±0,2%		
	50N/mm ²			47N/mm ²		
	140 mm ³			140 mm ³		
	6 MK ⁻¹			6 MK ⁻¹		
	Resistant			Resistant		
	Frost proof			Frost proof		
	Unaffected			Unaffected		
	No change in brightness or colour			No change in brightness or colour		
	More or equal than natural marble and granite, polished or honed.			More or equal than natural marble and granite, polished or honed.		
	R9					
	Resistant to stain	Classe 4 ÷ 5		Resistant to stain	Classe 2 ÷ 3	
	Dry Rubber Wet Rubber Dry Leather					



