

Technical Specification 6MM						
Physical	Name	Requried Standards	Average value of production Honed (satin)		Average value of production (Polish)	
Water absorption	ISO 10545.3	≤0,5%	0.08%		<0,1%	
Sizes	ISO 10545.2	Length and width ±0,6% max Thickness ±0,5% 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 ²	50N/mm ²		47N/mm ²	
Resistance to deep abrasion	ISO 10545.6	≤175mm ³	140mm ³		140mm ³	
Thermal expansion coefficient	ISO 10545.8	Testing Method available	6MK ¹		6MK ¹	
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 sings of chemical attack (acids - basis- additives for pools) except for products containing hydrofluoric acid and derivates.	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	Classes 4÷ 5	Resistant to stain	Classes 2÷3
Fiandre reserves the right to modify techinal and formal details included in this catalouge	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			