Overall Specifications

	Standard Norm	Requirement	Performance
Physical Properties		**Porcelain**	
Size	ISO 10545-2	± 5%	500 x 500 mm
Pieces per M2	n/a	n/a	4
M2 per pallet	n/a	n/a	32
Total Weight (m2)	n/a	n/a	26kg / m2 ± 5%
Dimensional Characteristics			
~ Length & width	ISO 10545-2	± 0.6%	± 0.1%
~ Thickness	ISO 10545-2	± 5%	± 5%
~ Straightness of sides	ISO 10545-2	± 0.5%	± 0.1%
~ Rectangularity	ISO 10545-2	± 0.6%	± 0.2%
~ Surface flatness	ISO 10545-2	± 0.5%	± 0.25%
Wear Classification			Heavy contact
Break Strength	ISO 10545-4	Min 1300 Kn/mm^2	3500 Kn/mm^2
Modulus of Rupture	ISO 10545-4	Min 35 Kn/mm^2	58 Kn/mm^2
Resistance to Deep Abrasion	ISO 10545-6	Max 175	130
Resistance to Staining	ISO 10545-13	Min 3	5
Slip Resistance (Pendulum method) **VX1201 / VX1204** **VX 1205 / VX1212**	UNE-EN 12633	n/a	 R11 R10
Slip Resistance (Ramp method) **VX1201 / VX1204** **VX1205 / VX1212**	DIN 51130	n/a	 Class 3 Class 2
Water absorption	ISO 10545-3	< 0.5%	< 0.1%
		Versaflex System	
Total Thickness	ISO 10545-2	± 5%	19.5mm ± 5%
Body Voltage (KV)	EN1815		
Rubber		< 2000 v	3000 v
Neolite		< 2000 v	3750 v
Radiant Panel	ISO 9239-1 / 11925-2 Bs1		
Critical heat flux		>=8,0	>=10.9 kW/m2
Burned surface		<=26	3 CM
Smoke production		<=750	0.01 %min
Length or width			Length
Impact sound (dB)			
Room to room	ISO 140-8 / ISO 717-2		18db
In Room	ISO 354		αw: 0.05
Coefficient of Restitution	ISO 10545-4		0,41
Impact			
Strength factor (J/cm2)	ASTM C 368		7,63
Load Bearing			
Point load 25x25 mm	EN12825		2.98 Kn
Distributed load 250x250 mm			20.7 Kn