

1 – PRODUCT IDENTIFICATION

Commercial Reference:	Product Reference:	Format:
Core	Core White	350*1000*10,5 mm

2 – PHYSICAL PROPERTIES

Features	Test	Prescribed Value	Love Tiles
Thickness	ISO 10545 – 2	± 10% (Máx±0,5mm)	10,5± 0,5mm
Water absorption	ISO 10545 – 3	E »10%	13-18 %
Modulus of rupture	ISO 10545 – 4	15 Nmm ⁻²	»18N/mm ⁻²
Coefficient of linear thermal expansion	ISO 10545 – 8	Required	≤75E ⁻⁷
Resistance to Thermal shock	ISO 10545 – 9	Required	GUARANTEED
Crazing resistance	ISO 10545 – 11	Required	GUARANTEED
Hardness o Surface (according to MOHS)	EN 101	Minimum: 3	5

3 – CHEMICAL PROPERTIES

Features	Test	Prescribed Value	Love Tiles	
Resistance to stains	Solution of Chromium Oxide	ISO 10545 – 14	Minimum:3	4
	Solution of iron oxide	ISO 10545 – 14	Minimum:3	—
	Iodine	ISO 10545 – 14	Minimum:3	4
	Olive Oil	ISO 10545 – 14	Minimum:3	4
Resistance to chemicals	Hydrochloric acid	ISO 10545 – 13	As per manufacturer	GLB
	Potassium Hydroxide	ISO 10545 – 13	As per manufacturer	GLB
	Citric acid	ISO 10545 – 13	As per manufacturer	GLB
Resistance to swimming pool salts:	Sodium hypochlorite	ISO 10545 – 13	Minimum: GB	GA
Resistance to household chemicals	Ammonium chloride	ISO 10545 – 13	Minimum: GB	GA
Classification of radiation level	—	GB 6566	A	A