

Technical Specifications - Aran Series by Pamesa

Specification	Standard	EN 14411 Standard	Pamesa Results
Length & Width	ISO 10545-2	± 0.6%	Conforms
Thickness	ISO 10545-2	± 5.0%	Conforms
Straightness of Sides	ISO 10545-2	± 0.5%	Conforms
Rectangularity	ISO 10545-2	± 0.6%	Conforms
Surface Planarity	ISO 10545-2	± 0.5%	Conforms
Water Absorption	ISO 10545-3	≤ 0.5%	0.1%
Bending Strength	ISO 10545-4	≥ 35 N/mm ²	50-60 N/mm ²
Modules of Rupture	ISO 10545-4	≥ 1300 N	2000 - 2500 N
Resistance to Deep Abrasion	ISO 10545-6	Max. 175 mm ³	110 - 130 mm ³
Linear Thermal Expansion	ISO 10545-8	<9.0 x 10 ⁻⁶ °C ⁻¹	<7.0 x 10 ⁻⁶ °C ⁻¹
Thermal Shock Resistance	ISO 10545-9	Required	Resists
Moisture Expansion	ISO 10545-10	-	< 0.1 mm/m
Frost Resistance	ISO 10545-12	Required	Resists
Resistance to Acids & Bases	ISO 10545-13	Required	Conforms
Resistance to Cleaning Products & Pool Reactives	ISO 10545-13	Minimum UB	Class UA
Resistance to Stains	ISO 10545-14	Required	Conforms
Slip Resistance	DIN 51130	-	R9

Available Sizes (inches) & Finishes	Natural
12x12	x