

RADIANZ®

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Test Item	TYPICAL RESULT	TEST PROCEDURE	REMARKS
Geometric properties	No defect	EN 14617-16	Surface quality
Flexural Strength	58.7Mpa	EN 14617-2	
Density	2.359g/cm ³	EN 14617-1	
Water Absorption	0.05%	EN 14617-1	
Compressive Strength	235Mpa	EN 14617-15	
Chemical Resistance	C4	EN 14617-10	
Linear Thermal Expansion	2.7x10 ⁻⁵ °C	EN 14617-11	
Dimension Stability	Class A	EN 14617-12	
Impact Resistance	16J	EN 14617-9	T: 30mm, H: 1.68m
Freeze-Thaw Resistance	0.98%	EN 14617-5	
Thermal shock	2.90%	EN 14617-6	
Abrasion Resistance	21.4mm	EN 14617-4	
Slip Resistance	Wet: 19	EN 14231	
Electrical Resistance	2.24x10 ¹⁰ Ω	EN 14617-13	
Heat Conductivity	2.12W/mk	EN 12664	
Fire Classification	A2fl S1	EN 13501-1	Flooring materials
Moh's Hardness	6~7	EN-101	

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