



Boss Flooring - Tivoli Porcelain Tiles

TECHNICAL DATA

Size	12" x 24"
Thickness	3/8"
Construction Material	Semi-Polished Throughbody Porcelain
Dynamic Coefficient of Friction (DCOF)	>=0.48
Coefficient of Friction (ASTM C1028)	>=.75 Dry >/.60 Wet

FEATURES	STANDARD	VALUE REQUIRED BY EN 14411 STANDARD	AVERAGE VALUE
Dimensional features	ISO 10545-2		Conforms to standard
Water Absorption	ISO 10545-3	<.5%	0.1%
Modulus of Rupture	ISO 10545-4	>35 N/mm ²	45–60 N/mm ²
Breaking Strength		>1300 N	1800–2500 N
Resistance to Deep Abrasion (mm ³)	ISO 10545-6	Max 175 mm ³	110–130 mm ³
Linear Thermal Expansion	ISO 10545-8	Test method available	<7,0 x 10 ⁻⁶ °C ⁻¹
Thermal Shock Resistance	ISO 10545-9	Test method available	Resists
Frost Resistance	ISO 10545-12	Test method available	Resists
Chemical Resistance – Acids and bases	ISO 10545-13	Test method available	Conforms to standard
Chemical Resistance – Cleaning products and pool reactive agents		Minimum UB	Class UA
Stain Resistance	ISO 10545-14	Minimum class 3	Conforms to standard
Stain Resistance	DIN 51130 UNE-ENV 12633 ASTM C 1028		According to models

