



Black

Dust

Ice



Iron

White

Shade Variation Not Provided
By Manufacturer

UP

Regularity Characteristics

Technical Features	Norms	Required Standards	Matte
Length & Width	ISO 10545-2	± 0,6%*	± 0,3%
		± 0,5%**	± 0,3%
Thickness		± 5,0%	Suitable For
Straightness of Sides		± 0,5%	± 0,3%
Rectangularity		± 0,6%	± 0,3%
Surface Flatness		c.c ±0,5% e.c ±0,5% w ±0,6%	± 0,3% ± 0,3% ± 0,3%

Structural Characteristics

Technical Features	Norms	Required Standards	Matte
Water Absorption	ISO 10545-3	≤ 0,5%	≤ 0,2%

Bulk Mechanical Characteristics

Technical Features	Norms	Required Standards	Matte
Breaking Strength	ISO 10545-4	S ≥ 1300 N	S ≥ 1500 N
Modulus of Rupture		R ≥ 35 N/mm ²	R ≥ 40 N/mm ²

Surface Mechanical Characteristics

Technical Features	Norms	Required Standards	Matte
Mohs Hardness	EN 101	≥ 6	Suitable for
Resistance to Deep Abrasion	ISO 10545-6	≤ 175 mm ³	≤ 150 mm ³

Thermal and Hygrometric Characteristics

Technical Features	Norms	Required Standards	Matte
Coefficient of Thermal Linear Expansion	ISO 10545-8	Test Method Available	≤ 9 MK ⁻¹
Thermal Shock Resistance	ISO 10545-9	Test Method Available	Resistant
Resistance to Frost	ISO 10545-12	Required	Resistant

Safety Characteristics

Technical Features	Norms	Required Standards	Matte
Dynamic Friction Coefficient	ANSI 137.1-2012 (D.C.O.F.)	≥ 0,42 WET	≥ 0,42 WET
Static Coefficient of Friction	ASTM C 1028 (S.C.O.F.)	Slip Resistant (≥ 0,60)	≥ 0,60 DRY ≥ 0,60 WET
Non-Slip Classification	DIN 51130	Basing on the Environment or on the Working Area	R9

Chemical Characteristics

Technical Features	Norms	Required Standards	Matte
Resistance to Household Chemicals and Swimming Pool Salts	ISO 10545-13	Class UB min.	UA
Resistance to Low Concentrations of Acids and Alkalis		Manufacturer to State Classification	ULA
Resistance to High Concentrations of Acids and Alkalis		Test Method Available	UHA
Resistance to Staining	ISO 10545-14	Test Method Available	5

Stocked Sizes (Nominal)

Dimensions	Available Colors
12"x24"x9mm Field Tile	Dust, Ice, Iron, White
3"x18" Bullnose	Dust, Ice, Iron, White

Special Order Sizes* (Nominal)

Dimensions	Available Colors
45x45 - 18"x18" Field Tile 	Dust, Ice, Iron, White
7.2x45 - 2.9"x18" Bullnose 	Dust, Ice, Iron, White
30x60 - 12"x24" Gradino 	Dust, Ice, Iron, White

* 12 - 14 Week Lead Time

Recycled Content

 20% - Iron 40% - Black
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