



Clay



Chrome



Graphite



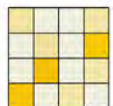
Gypsum



Pearl



Tobacco



V3 Moderate Variation

MARK

Regularity Characteristics

Technical Features	Norms	Required Standards	Matte	Lappato	Textured	Lastra 20mm
Length & Width		± 0,6%*	± 0,2%	± 0,2%	± 0,2%	± 0,2%
		± 2,0 mm	± 0,8 mm	± 0,8mm	± 0,8mm	± 0,8mm
Thickness		± 5,0%	± 5,0%	± 5,0%	± 5,0%	± 5,0%
		± 0,5 mm	± 0,5 mm	± 0,5 mm	± 0,5 mm	± 0,5 mm
Straightness of Sides	ISO 10545-2	± 0,5%	± 0,2%	± 0,2%	± 0,2%	± 0,2%
		± 1,5 mm	± 0,8 mm	± 0,8 mm	± 0,8 mm	± 0,8 mm
Rectangularity		± 0,5%	± 0,2%	± 0,2%	± 0,2%	± 0,2%
		± 2,0 mm	± 0,8 mm	± 0,8 mm	± 0,8 mm	± 0,8 mm
Surface Flatness		c.c. ± 0,75% e.c. ± 0,75% w ± 0,75%	± 0,3%	± 0,3%	± 1,3mm	Not Applicable to "Strong" Structures

Structural Characteristics

Technical Features	Norms	Required Standards	Matte	Lappato	Textured	Lastra 20mm
Water Absorption	ISO 10545-3	≤ 0,5% 0,6 % max.	≤ 0,1%	≤ 0,1%	≤ 0,1%	≤ 0,1%

Bulk Mechanical Characteristics

Technical Features	Norms	Required Standards	Matte	Lappato	Textured	Lastra 20mm
Breaking Strength	ISO 10545-4	S ≥ 1300 N	S ≥ 2000 N	S ≥ 2000 N	S ≥ 2000 N	S ≥ 10000 N
Modulus of Rupture		R ≥ 35 N/mm ²	R ≥ 40 N/mm ²	R ≥ 40 N/mm ²	R ≥ 40 N/mm ²	R ≥ 45 N/mm ²

Surface Mechanical Characteristics

Technical Features	Norms	Required Standards	Matte	Lappato	Textured	Lastra 20mm
Mohs Hardness	EN 101	≥ 6	6	5	8	8
Resistance to Deep Abrasion	ISO 10545-6	≤ 175 mm ³	≤ 150 mm ³	≤ 150 mm ³	≤ 150 mm ³	≤ 150 mm ³

Thermal and Hygrometric Characteristics

Technical Features	Norms	Required Standards	Matte	Lappato	Textured	Lastra 20mm
Coefficient of Thermal Linear Expansion	ISO 10545-8	Test Method Available	≤ 7 MK ⁻¹	≤ 7 MK ⁻¹	≤ 7 MK ⁻¹	≤ 7 MK ⁻¹
Thermal Shock Resistance	ISO 10545-9	Test Method Available	Resistant	Resistant	Resistant	Resistant
Moisture Expansion	ISO 10545-10	Test Method Available	≤ 0,01% (0,1mm/m)	≤ 0,01% (0,1mm/m)	≤ 0,01% (0,1mm/m)	≤ 0,01% (0,1mm/m)
Resistance to Frost	ISO 10545-12	Required	Resistant	Resistant	Resistant	Resistant

Safety Characteristics

Technical Features	Norms	Required Standards	Matte	Lappato	Textured	Lastra 20mm
Dynamic Friction Coefficient	ANSI 137.1-2012 (D.C.O.F.)	≥ 0,42 WET	≥ 0,42 WET	< 0,42 WET	≥ 0,42 WET	≥ 0,42 WET
Static Coefficient of Friction	ANSI A137.1-2012	≥ 0,42	> 0,42 WET	< 0,42 WET	> 0,42 WET	> 0,42 WET
Non-Slip Classification	DIN 51130	Basing on the Environment or on the Working Area	R9	N.C.	R11	R11
Resistance to Frost	DIN 51097	Basing on the Wet-Loaded Barefoot Areas	A	0	A + B + C	A + B + C

Chemical Characteristics

Technical Features	Norms	Required Standards	Matte	Lappato	Textured	Lastra 20mm
Resistance to Household Chemicals and Swimming Pool Salts	ISO 10545-13	Class UB min.	UA	UA	UA	UA
Resistance to low Concentrations of Acids and Alkalis		Test Method Available	ULA	ULA	ULA	ULA
Resistance to High Concentrations of Acids and Alkalis		Test Method Available	UHA	-	UHA	UHA
Resistance to Staining	ISO 10545-14	Class 3 min.	5	5	5	5

Stocked Sizes (Nominal)

Dimensions	Available Colors
12x24"x10mm Field Tile	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco (Matte, Lappato)
18x36"x10mm Field Tile	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco
3x24"x10mm Battiscopa	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco (Matte, Lappato)
12x12"x10mm Mosaic	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco
12x12"x10mm Mosaic 3D	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco (Lappato)
12x24"x10mm Brick 3D	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco
11x14"x10mm Esagono	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco

Special Order Sizes* (Nominal)

Dimensions	Available Colors
75x150 - 29 1/2"x59" Field Tile	Chrome, Graphite, Gypsum, Pearl, Tobacco
22.5x90 - 8 7/8"x35 3/8" Field Tile	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco
75x75 - 29 1/2"x29 1/2" Field Tile	Chrome, Graphite, Gypsum, Pearl, Tobacco
60x60 - 23 3/4"x23 3/4" Field Tile	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco (Matte, Textured)
44x88 - 17 1/2"x34 3/8" Field Tile	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco (Lappato)
59x59 - 23 1/4"x23 1/4" Field Tile	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco (Lappato)
30x60 - 11 3/4"x23 3/8" Field Tile	Chrome, Clay, Graphite, Gypsum, Pearl, Tobacco (Textured)

* 12 - 14 Week Lead Time. Some additional trim and decoré pieces are available.

Recycled Content

