

CORTEN



Brown Copper
(A)



Black Silver
(B)

Shade Variation Not Provided
By Manufacturer

Regularity Characteristics

Technical Features	Norms	Required Standards	Corten A	Corten B
Length & Width		Not Provided by Manufacturer	Not Provided by Manufacturer	Not Provided by Manufacturer
Thickness		Not Provided by Manufacturer	8,8mm	9,8mm
Straightness of Sides	ISO 10545-2	Not Provided by Manufacturer	Not Provided by Manufacturer	Not Provided by Manufacturer
Rectangularity		Not Provided by Manufacturer	Not Provided by Manufacturer	Not Provided by Manufacturer
Surface Flatness		Not Provided by Manufacturer	Not Provided by Manufacturer	Not Provided by Manufacturer

Structural Characteristics

Technical Features	Norms	Required Standards	Corten A	Corten B
Water Absorption	ISO 10545-3	Not Provided by Manufacturer	0,6%	0,05%

Bulk Mechanical Characteristics

Technical Features	Norms	Required Standards	Corten A	Corten B
Breaking Strength		Not Provided by Manufacturer	1536 Nw	3065Nw
Modulus of Rupture	ISO 10545-4	Not Provided by Manufacturer	R ≥ 48 N/mm ²	R ≥ 46 N/mm ²
Resistance to Impact	ISO 10545-5	Not Provided by Manufacturer	Not Provided by Manufacturer	Not Provided by Manufacturer

Surface Mechanical Characteristics

Technical Features	Norms	Required Standards	Corten A	Corten B
Mohs Hardness	EN 101	Not Provided by Manufacturer	6	6
Resistance to Deep Abrasion	ISO 10545-6	Not Provided by Manufacturer	Class III	Class III
Number of Revolutions for Every Stage of Abrasion	ISO 10545-7	Not Provided by Manufacturer	750	750

Thermal and Hygrometric Characteristics

Technical Features	Norms	Required Standards	Corten A	Corten B
Coefficient of Thermal Linear Expansion	ISO 10545-8	Not Provided by Manufacturer	Not Provided by Manufacturer	Not Provided by Manufacturer
Thermal Shock Resistance	ISO 10545-9	Not Provided by Manufacturer	Not Provided by Manufacturer	Not Provided by Manufacturer
Cracking Strength	ISO 10545-11	Not Provided by Manufacturer	Resistant	Resistant
Resistance to Frost	ISO 10545-12	Not Provided by Manufacturer	Not Provided by Manufacturer	Not Provided by Manufacturer

Safety Characteristics

Technical Features	Norms	Required Standards	Corten A	Corten B
Dynamic Friction Coefficient	ANSI 137.1-2012 (D.C.O.F.)	≥ 0,42 WET	≥ 0,42 WET	≥ 0,42 WET
Static Friction Coefficient	ASTM C 1028 (S.C.O.F.)	Not Provided by Manufacturer	0,74 WET	0,5 WET
Slip Resistance Degree	-	Not Provided by Manufacturer	Class 1	Class 1

Chemical Characteristics

Technical Features	Norms	Required Standards	Corten A	Corten B
Resistance to High and Low Concentrations of Acids		Not Provided by Manufacturer	GLB/GHB	GLB/GHB
Resistance to High and Low Concentrations of Alkalis	ISO 10545-13	Not Provided by Manufacturer	GLA/GHB	GLA/GHB
Resistance to Staining	ISO 10545-14	Not Provided by Manufacturer	Class 3	Class 3

Stocked Sizes (Nominal)

Dimensions	Available Colors
12"x24"x9.5mm Field Tile	Brown Copper (A), Black Silver (B)
18"x 36"x11mm Field Tile	Brown Copper (A), Black Silver (B)
24"x24"x10.5mm Field Tile	Brown Copper (A), Black Silver (B)
3.5"x12", 3.5"x24" Bullnose	Brown Copper (A), Black Silver (B)
3 3/4"x5 7/8" Rhomboid Mosaic on 13"x13"	Brown Copper (A), Black Silver (B)
1"x3" Mosaic on 12"x12"	Brown Copper (A), Black Silver (B)

Special Order Sizes* (Nominal)

Dimensions	Available Colors
12"x24", 24"x24" Field Tile	Biege, Blanco, Night (Non-Rec., Rec., Semi-Polished Rec.)
18"x18" Field Tile	Biege, Blanco, Night (Non-Rec., Semi-Polished Rec.)
18"x36" Field Tile	Corton (A), Corton (B) (Fine Rec., Rec.); Biege (Rec., Semi-Polished Rec.); Blanco, Night (Semi-Polished Rec.)
7,5x30 - 3"x12" Bullnose SP, Int. Rec.	Biege, Blanco, Night
3"x18", 4"x24" Bullnose SP, Int.	Biege, Blanco, Night
1"x12", 1"x24" Listelo	Brown Copper (A), Black Silver (B)
3"x12", 3"x24" Listelo	Corten Listelo, Collage (D), Collage (L)
3"x24" Mosaic on 12"x24"	Biege, Blanco, Night
1"x3", 1"x6" Mosaic on 12"x12"	Biege, Blanco, Night; Brown Copper (A)*, Black Silver (B)* (*1"x3" only); Blanco/Night Mix** (**1"x6" only)

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

Recycled Content

Not Provided by Manufacturer