

**Glazed Porcelain Tile** 

Features	Test Method	Va	Value	
		Polished	Matte	
Length and Width		± 0.1 %		
Thickness		± 5.0 %		
Straightness of Sides	ISO 10545 - 2	± 0.1 %		
Rectangularity		± 0.1 %		
Surface Flatness		± 0.2 %		
Glossiness	Glossometer	min 90%	min 4%	
Water Absorption	ISO 10545 - 3	≤ 0.	≤ 0.20 %	
Flexural Strength	ISO 10545 - 4	≥ 40 N mm²		
Breaking Strength	150 10545 - 4	> 1500 N		
Impact Resistance	ISO 10545 - 5	Min 0.55		
Apparent Density	DIN 51082	> 2.1	> 2.10 g/cc	
Mohs Hardness	EN 101	≥ 4	≥ 5	
Surface Abrasion Resistance	ISO 10545-7	Min Class 3	Min Class 4	
Coefficient of Linear Thermal Expansion	ISO 10545 - 8	6.5 x 10-6 Max		
Thermal Shock Resistance	ISO 10545 - 9	No Change	Passed	
Moisture Expansion	ISO 10545 - 10	-	Passed	
Crazing Resistance	ISO 10545 - 11	Min 10 Cycle		
Frost Resistance	ISO 10545 - 12	Resi	Resistant	
Chemical Resistance	ISO 10545 - 13	Resistant		
Stain Resistance	ISO 10545 - 14	Resistant		
Slip Resistance Coefficient of Friction	ISO 10545 - 17	≥ 0.4		
DCOF Wet and Dry	-		> 0.40 WET < 0.40 Dry	
	Low Emissions Material • Zero VOC			

According to ANSI and MIA standards, depending on the type and size of tile, it is recommended to have at least a 1/8" wide grout joint for floor tiles in order to be

able to fill the grout joint full and never less than 1/16" wide. Please refer to TCNA guidelines for more on grout recommendations.

**Disclaimer:** DCOF wet and dry is different on every production lot and can vary. If the spec listed is over the minimum standard, it will meet the requirement.

## Product Info:

- Glazed Porcelain
- Carved | Matte | Polished Finishes
- 8.5mm Thickness
- Rectified Edge
- Frost Resistance = Yes



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