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Glazed porcelain tiles

Size $7^3/_4$ "x $39^3/_8$ "

Thickness ₹ 8 mm

Finish Matte

V4 SUBSTANTIAL VARIATION

Field tiles	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Edge	
	8" x 40"	$7^{3}/_{4}$ " x $39^{3}/_{8}$ "	8 mm	Matte	Calibrated	

Please refer to caliber chart for working size. Close joints are not recommended.

				Requirements		
		Property	Test Method	Calibrated	Rectified	
Regularity characteristics		Nominal Size	ASTM C499	±3.00%	-3.00% ÷ +2.00%	Compliant
		Caliber Range		±0.50% or ±0.08 in (±2.0 mm)	±0.25% or ±0.03 in (±0.8 mm)	Compliant
		Thickness (1)	-	Range: 0.04 in (1.02 mm)		Compliant
		Wedging	ASTM C502	±0.50% or ±0.08 in (±2.0 mm)	±0.25% or ±0.03 in (±0.8 mm)	Compliant
		Warpage Edge	ASTM C485	±0.75% or ±0.09 in (±2.3 mm) (*)	±0.40%	Compliant
		Warpage Diagonal		±0.50% or ±0.08 in (±2.0 mm)	±0.40% or ±0.07 in (±1.8 mm)	Compliant
Structural characteristics	(Z)	Water Absorption	ASTM C373	≤ 0.5%		≤ 0.5%
Bulk mechanical characteristics	$\begin{array}{ c c }\hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \end{array}$	Breaking Strength	ASTM C648	Average ≥ 250 lbf. (1.11 kN) Individual ≥ 225 lbf. (1.00 kN)		≥ 350 lbf. avg
		Modulus of Rupture	ASTM C1505	R ≥ 35 N/mm²		
Physical properties	(<u>*</u>)	Bond Strength	ASTM C482	≥ 50 psi. (0.34 Mpa)		≥ 100 psi.
Thermal and hygrometric	*	Resistance to Freeze/ Thaw Cycling	ASTM C1026	As Reported		Resistant
characteristics	*	Thermal Shock Resistance	ASTM C484	As Reported		Resistant
Chemical characteristics		Chemical Resistance	ASTM C650	As Reported		Unaffected
		Stain Resistance	ASTM C1378	As Reported		Unaffected
Safety characteristics		Dynamic Coefficient of Friction (DCOF)	ANSI A326.3	As Reported		≥ 0.42 Wet Interior Wet (IW) (2)

(*) Whichever is less
(1) Whichever is less, for tiles up to 24"x24" (610 mm x 610 mm).
(2) DCOF 20.42 Wet may not be a requirement for all projects. The specifier shall determine tiles appropriate for specific project conditions, considering by way of example, but not in limitation, type of use, traffic, expected contaminants, expected maintenance, expected wear, and manufacturers' guidelines and recommendations.

For updated manufacturer classification according to ANSI A326.3. Section 4 - "Product Use Categories", please refer to our website.

















