

<b>Technical Parameter for CHESS</b>		
<b>Technical Parameter</b>	<b>Range</b>	
<b>Water absorption:</b>	<0.1 %	average <0.5 %
<b>Breaking strength:</b>	300*600 ≥2100N 600*600 ≥2100N	more than 2100 N more than 2100 N
<b>Modulus of rupture:</b>	>35Mpa	greater than 35 Mpa
<b>Deep abrasion</b>	< 175 mm <sup>3</sup>	< 175 mm <sup>3</sup>
<b>Luster (%reflection@60,applied nano wax)</b>	85	85
<b>Thickness:</b>		
<b>300*600 600*600</b>	9 ± 0.3 mm 9 ± 0.3 mm Checked at the four corners	9.0 to 9.3 mm 9.0 to 9.3 mm Checked at the four corners
<b>Working Size:</b>		
<b>300*600</b>	300mm±0.4/600mm±0.4mm	299.60 to 300.40/599.6 to 600.40
<b>300*600 (cut from 60x60)</b>	299.4mm±0.4/600mm±0.4mm	299 to 299.8/599.6 to 600.40
<b>600*600</b>	600mm+0.4/600mm+0.4mm	599.6 to 600.4
<b>Straightness of edge</b>		
<b>300*600 &amp; 600*600</b>	± 0.3mm	(-0.3 to 0.3 mm)
<b>Planarity:</b>		
<b>Convex</b>	(300mm side) <0.4 mm	
	(600mm side) <0.6 mm	
	(diagonally) <0.75 mm	
<b>Concave</b>	(300mm side) <0.4 mm	
	(600mm side) <0.5mm	
	(diagonally) <0.75 mm	
<b>Squareness/Orthogonality</b>	≤1.0mm	less than or equal to 1.0 mm
<b>Comparing the two diagonal measurements across the tile</b>		

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<b>Stain resistance</b>	Minimum class 3	Minimum class 3
<b>ISO 10545-14</b>		
<b>Chemical resistance</b>	≥UB	UA
<b>ISO 10545-13</b>		
<b>Bevel Size</b>	0.8 to 1.0 mm	0.8 to 1.0 mm
<b>Measuring the width of the beveled surface.</b>		