

LIGHTNING GOLD

TECHNICAL DATA

Format:	All formats available	Type:	Glazed Porcelain	
Color:	All colors available	Thickness:	7.0 mm	
Graphic:	13(24x48) 52(12x24)	Recycled Content:	50% *Pre-Consumer	
	ASTM Test	ISO Test	Value Required ANSI	Declared ASTM
WATER ABSORPTION	C373	ISO.10545/3	≤0.5%	≤0.5%
BREAKING STRENGHT	C648	ISO.10545/4	≥ 350	≥350
SCRATCH HARDNESS	MOH’s Scale	EN-101	-	3
CHEMICAL RESISTANCE	C650	ISO-10545/13	Unaffected	Unaffected
FROST RESISTANCE	C1026	ISO-10545/12	Resistant	Resistant
GROUP	SEE FAQs	SEE FAQs	-	4
PEI - GLAZED TILES	C1027	ISO-10545/7	-	V
MINIMUM BOND STRENGHT (PSI)	C482	-	≥ 50 psi	165
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	A137.1	-	≥0.42	≥0.50
SHADE AND TEXTURE RATING	CTDA “V”	-	-	V3
FACIAL DIMENSIONS	C499	ISO-10545/2	1.5% Max	Pass
RANGE OF THICKNESS	C499	ISO-10545/2	0.040 Max	Pass
WARPAGE	C485	ISO-10545/2	0.75%	Pass
WEDGING	C502	ISO-10545/2	1.0% Max	Pass

***Contains a percentage of pre-consumer recycled content superior to 25% which has been certified by Bureau Veritas.**



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LIGHTNING GOLD WAVE

TECHNICAL DATA

<i>Format:</i>	12”X24”R	<i>Type:</i>	Ceramic Wall Tile	
<i>Color:</i>	ALL COLORS	<i>Thickness:</i>	7.0 mm	
<i>Graphic:</i>	5 faces	<i>Recycled Content:</i>	50% *Pre -Consumer	
	ASTM Test	ISO Test	Value Required ANSI	Declared ASTM
WATER ABSORPTION	<i>C373</i>	<i>ISO.10545/3</i>	<i>7%< WA≤20%</i>	<i>≥10%</i>
BREAKING STRENGHT	<i>C648</i>	<i>ISO.10545/4</i>	<i>≥ 250</i>	<i>≥250</i>
SCRATCH HARDNESS	<i>MOH’s Scale</i>	<i>EN-101</i>	<i>-</i>	<i>5</i>
CHEMICAL RESISTANCE	<i>C650</i>	<i>ISO-10545/13</i>	<i>Unaffected</i>	<i>Unaffected</i>
GROUP	<i>SEE FAQS</i>	<i>SEE FAQS</i>	<i>-</i>	<i>4</i>
SHADE AND TEXTURE RATING	<i>CTDA “V”</i>	<i>-</i>	<i>-</i>	<i>V3</i>
FACIAL DIMENSIONS	<i>C499</i>	<i>ISO-10545/2</i>	<i>1.5% Max</i>	<i>Pass</i>
RANGE OF THICKNESS	<i>C499</i>	<i>ISO-10545/2</i>	<i>0.040 Max</i>	<i>Pass</i>
WARPAGE	<i>C485</i>	<i>ISO-10545/2</i>	<i>0.75%</i>	<i>Pass</i>
WEDGING	<i>C502</i>	<i>ISO-10545/2</i>	<i>1.0% Max</i>	<i>Pass</i>

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LIGHTNING WHITE

TECHNICAL DATA

<i>Format:</i> 12”x24” R		<i>Type:</i> Glazed Porcelain			
<i>Colors:</i> All Colors Available		<i>Thickness:</i> 7 mm			
<i>Number of faces:</i> 11		<i>Recycled Content:</i> 25% *Pre -Consumer			
		ASTM Test	ISO Test	Value Required ANSI	Declared ASTM
WATER ABSORPTION		<i>C373</i>	<i>ISO.10545/3</i>	<i>≤0.5%</i>	<i>≤0.5%</i>
BREAKING STRENGHT		<i>C648</i>	<i>ISO.10545/4</i>	<i>≥ 275</i>	<i>≥ 275</i>
SCRATCH HARDNESS		<i>MOH’s Scale</i>	<i>EN-101</i>	<i>-</i>	<i>5</i>
CHEMICAL RESISTANCE		<i>C650</i>	<i>ISO-10545/13</i>	<i>Unaffected</i>	<i>Unaffected</i>
FROST RESISTANCE		<i>C1026</i>	<i>ISO-10545/12</i>	<i>Resistant</i>	<i>Resistant</i>
GROUP		<i>SEE FAQS</i>	<i>SEE FAQS</i>	<i>-</i>	<i>4</i>
DEEP ABRASION - UNGLAZED TILES		<i>C1243</i>	<i>ISO-10545/6</i>	<i><175mm3</i>	<i>Pass</i>
PEI - GLAZED TILES***		<i>C1027</i>	<i>ISO-10545/7</i>	<i>-</i>	<i>V</i>
MINIMUM BOND STRENGHT (PSI)		<i>C482</i>	<i>-</i>	<i>≥50 psi</i>	<i>165</i>
DYNAMIC COEFFICIENT OF FRICTION (DCOF)		<i>A137.1</i>	<i>-</i>	<i>≥0.42</i>	<i>≥0.42</i>
SHADE AND TEXTURE RATING		<i>CTDA “V”</i>	<i>-</i>	<i>-</i>	<i>V3</i>
FACIAL DIMENSIONS		<i>C499</i>	<i>ISO-10545/2</i>	<i>1.5% Max</i>	<i>Pass</i>
RANGE OF THICKNESS		<i>C499</i>	<i>ISO-10545/2</i>	<i>0.040 Max</i>	<i>Pass</i>
WARPAGE		<i>C485</i>	<i>ISO-10545/2</i>	<i>0.75%</i>	<i>Pass</i>
WEDGING		<i>C502</i>	<i>ISO-10545/2</i>	<i>1.0% Max</i>	<i>Pass</i>

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LIGHTNING WHITE WAVE

TECHNICAL DATA

<i>Format:</i>	12”x24” R	<i>Type:</i>	Glazed Porcelain	
<i>Colors:</i>	All Colors Available	<i>Thickness:</i>	7 mm	
<i>Number of faces:</i>	11	<i>Recycled Content:</i>	25% *Pre -Consumer	
	ASTM Test	ISO Test	Value Required ANSI	Declared ASTM
WATER ABSORPTION	<i>C373</i>	<i>ISO.10545/3</i>	<i>≤0.5%</i>	<i>≤0.5%</i>
BREAKING STRENGHT	<i>C648</i>	<i>ISO.10545/4</i>	<i>≥ 275</i>	<i>≥ 275</i>
SCRATCH HARDNESS	<i>MOH’s Scale</i>	<i>EN-101</i>	<i>-</i>	<i>5</i>
CHEMICAL RESISTANCE	<i>C650</i>	<i>ISO-10545/13</i>	<i>Unaffected</i>	<i>Unaffected</i>
FROST RESISTANCE	<i>C1026</i>	<i>ISO-10545/12</i>	<i>Resistant</i>	<i>Resistant</i>
GROUP	<i>SEE FAQS</i>	<i>SEE FAQS</i>	<i>-</i>	<i>4</i>
DEEP ABRASION - UNGLAZED TILES	<i>C1243</i>	<i>ISO-10545/6</i>	<i><175mm3</i>	<i>Pass</i>
PEI - GLAZED TILES***	<i>C1027</i>	<i>ISO-10545/7</i>	<i>-</i>	<i>-</i>
MINIMUM BOND STRENGHT (PSI)	<i>C482</i>	<i>-</i>	<i>≥50 psi</i>	<i>165</i>
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	<i>A137.1</i>	<i>-</i>	<i>≥0.42</i>	<i>≥0.42</i>
SHADE AND TEXTURE RATING	<i>CTDA “V”</i>	<i>-</i>	<i>-</i>	<i>V3</i>
FACIAL DIMENSIONS	<i>C499</i>	<i>ISO-10545/2</i>	<i>1.5% Max</i>	<i>Pass</i>
RANGE OF THICKNESS	<i>C499</i>	<i>ISO-10545/2</i>	<i>0.040 Max</i>	<i>Pass</i>
WARPAGE	<i>C485</i>	<i>ISO-10545/2</i>	<i>0.75%</i>	<i>Pass</i>
WEDGING	<i>C502</i>	<i>ISO-10545/2</i>	<i>1.0% Max</i>	<i>Pass</i>

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LIGHTNING PLATINUM & PERLA

TECHNICAL DATA

<i>Format:</i>	All formats available	<i>Type:</i>	Glazed Porcelain	
<i>Color:</i>	All colors available	<i>Thickness:</i>	7.0 mm	
<i>Graphic:</i>	8 faces	<i>Recycled Content:</i>	50% *Pre-Consumer	
	ASTM Test	ISO Test	Value Required ANSI	Declared ASTM
WATER ABSORPTION	<i>C373</i>	<i>ISO.10545/3</i>	<i>≤0.5%</i>	<i>≤0.5%</i>
BREAKING STRENGHT	<i>C648</i>	<i>ISO.10545/4</i>	<i>≥ 350</i>	<i>≥350</i>
SCRATCH HARDNESS	<i>MOH’s Scale</i>	<i>EN-101</i>	<i>-</i>	<i>7</i>
CHEMICAL RESISTANCE	<i>C650</i>	<i>ISO-10545/13</i>	<i>Unaffected</i>	<i>Unaffected</i>
FROST RESISTANCE	<i>C1026</i>	<i>ISO-10545/12</i>	<i>Resistant</i>	<i>Resistant</i>
GROUP	<i>SEE FAQs</i>	<i>SEE FAQs</i>	<i>-</i>	<i>4</i>
PEI - GLAZED TILES	<i>C1027</i>	<i>ISO-10545/7</i>	<i>-</i>	<i>IV</i>
MINIMUM BOND STRENGHT (PSI)	<i>C482</i>	<i>-</i>	<i>≥ 50 psi</i>	<i>165</i>
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	<i>A137.1</i>	<i>-</i>	<i>≥0.42</i>	<i>≥0.42</i>
SHADE AND TEXTURE RATING	<i>CTDA “V”</i>	<i>-</i>	<i>-</i>	<i>V3</i>
FACIAL DIMENSIONS	<i>C499</i>	<i>ISO-10545/2</i>	<i>1.5% Max</i>	<i>Pass</i>
RANGE OF THICKNESS	<i>C499</i>	<i>ISO-10545/2</i>	<i>0.040 Max</i>	<i>Pass</i>
WARPAGE	<i>C485</i>	<i>ISO-10545/2</i>	<i>0.75%</i>	<i>Pass</i>
WEDGING	<i>C502</i>	<i>ISO-10545/2</i>	<i>1.0% Max</i>	<i>Pass</i>

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