

**Tile Performance Data**

	Water Absorption	Deep Abrasion	Abrasion Resistance (Glazed)	Breaking Strength	Bond Strength	Coefficient of Friction COF > Dry	Coefficient of Friction COF > Wet	Facial Dimensions Range	Range of Thickness	Warpage (Diagonal)	Wedging	Frost Resistance	Chemical Resistance	Scratch Hardness
ASTM Test Method	C373	C1243	C1027	C648	C482	C1028	C1028	C499	C499	C485	C502	C1026	C650	MOHS Scale
ANSI Requirements	0.5% Max.	175 Max.	≥250 lbs. Min.	≥50psi	No ANSI Std.	No ANSI Std.	±0.50%	0.040 Max.	±0.50%	0.50%	Resistant	Unaffected		
<b>Porcelain Stone® Tile</b>														
Americana (UPS)	<0.10%	-	>350 lbf.	>200 psi.	>0.7	>0.6	±0.15%	0.030	±0.20%	±0.20%	Resistant	Unaffected	9	
Building Blox (UPS)	<0.10%	-	2-5* 350 - 420 lbf.	>200 psi.	>0.6	>0.6	±0.15%				Resistant	Unaffected	6	
Buenos Aires Mood (UP)	<0.10%	<135	>425 lbf.	>200 psi.	>0.7	>0.6	±0.10%	0.025	±0.20%	±0.40%	Resistant	Unaffected	8	
Buenos Aires Mood (PO)	<0.10%	<135	>425 lbf.	>200 psi.	>0.6	N/A	±0.10%	0.025	±0.20%	±0.40%	Resistant	Unaffected	8	
Buenos Aires Mood (TX)	<0.10%	<135	>425 lbf.	>200 psi.	>0.7	>0.7	±0.10%	0.025	±0.20%	±0.40%	Resistant	Unaffected	8	
Color Blox (UPS)	<0.10%	-	>450 lbf.	>200 psi.	>0.8	>0.6	±0.25%	0.035	±0.20%	±0.20%	Resistant	Unaffected	6	
Color Blox EC (UPS)	<0.10%	-	>450 lbf.	>200 psi.	>0.8	>0.6	±0.10%	0.035	±0.20%	±0.20%	Resistant	Unaffected	6	
Color Blox Mosaics (UPS)	<0.10%	-	>250 lbf.	>200 psi.	>0.8	>0.6					Resistant	Unaffected	6	
Color Blox Too (UPS)	<0.10%	-	2-5* >450 lbf.	>200 psi.	>0.7	>0.6	±0.15%	0.035	±0.35%	±0.40%	Resistant	Unaffected	6	
Cotto Americana (UPS)	<0.10%	-	>450 lbf.	>200 psi.	>0.7	>0.6					Resistant	Unaffected	7	
Empire (UP)	<0.10%	<110	>425 lbf.	>200 psi.	>0.6	>0.6	±0.20%	0.020	±0.20%	±0.40%	Resistant	Unaffected	6	
Empire (PO)	<0.10%	<110	>425 lbf.	>200 psi.	>0.6	N/A	±0.20%	0.020	±0.20%	±0.40%	Resistant	Unaffected	6	
EcoCycle (UPS)	<0.10%	-	>350 lbf.	>200 psi.	>0.8	>0.6	±0.20%	0.035	±0.20%	±0.30%	Resistant	Unaffected	7	
Now (UP)	<0.20%	-	>500 lbf.	>150 psi.	>0.7	>0.6					Resistant	Unaffected	8	
Palais (UPS)	<0.10%	-	3-5* >450 lbf.	>200 psi.	>0.8	>0.6	±0.20%	0.025	±0.20%	±0.30%	Resistant	Unaffected	7	
Plan (UP)	<0.10%	<150	>1000 lbf.	>100 psi.	>0.8	>0.7					Resistant	Unaffected	7	
Pompeii (UPS)	<0.10%	-	>350 lbf.	>200 psi.	>0.8	>0.6	±0.15%	0.030	±0.20%	±0.30%	Resistant	Unaffected	8	
Retro Active (UPS)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	>0.6					Resistant	Unaffected	6	
Retro Active (PO)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	N/A					Resistant	Unaffected	6	
Savoy (Matte)	12 - 18%	-	>600 lbf.	>100 psi.	>0.75	>0.55					Resistant	Unaffected	4	
Strong (UP)	<0.20%	-	>475 lbf.	>200 psi.	>0.8	>0.6	±0.15%		±0.20%	±0.45%	Resistant	Unaffected	9	
Tuscan Clay (UPS)	<0.10%	-	2-4* >450 lbf.	>200 psi.	>0.7	>0.6					Resistant	Unaffected	7	
UltiMetal (UPS)	<0.10%	-	2-4* >500 lbf.	>200 psi.	>0.8	>0.7	±0.10%	0.020	±0.20%		Resistant	Unaffected	6	
Vista Americana (UPS)	<0.10%	-	>450 lbf.	>200 psi.	>0.7	>0.6					Resistant	Unaffected	7	
Weatherstone (UPS)	<0.10%	-	>425 lbf.	>200 psi.	>0.6	>0.6	±0.15%	0.025	±0.20%	±0.35%	Resistant	Unaffected	6	
Weatherstone (XT)	<0.10%	-	>425 lbf.	>200 psi.	>0.8	>0.8	±0.15%	0.025	±0.20%	±0.35%	Resistant	Unaffected	8	
Wood Impressions (UPS)	<0.10%	-	>450 lbf.	>200 psi.	>0.7	>0.6	±0.10%	0.020	±0.20%	±0.25%	Resistant	Unaffected	7	
<b>Cross Colors®</b>														
A Series Unpolished (UPS)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	>0.6	±0.15%	0.015	±0.20%	±0.30%	Resistant	Unaffected	6	
A Series Polished (PO)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	N/A	±0.15%	0.015	±0.20%	±0.30%	Resistant	Unaffected	5	
B Series Unpolished (UPS)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	>0.6	±0.15%	0.015	±0.20%	±0.30%	Resistant	Unaffected	6	
B Series Polished (PO)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	N/A	±0.15%	0.015	±0.20%	±0.30%	Resistant	Unaffected	5	
C Series Unpolished (UPS)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	>0.6	±0.15%	0.015	±0.20%	±0.30%	Resistant	Unaffected	6	
C Series Polished (PO)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	N/A	±0.15%	0.015	±0.20%	±0.30%	Resistant	Unaffected	5	
Cross-Colors LP (UPS)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	>0.6	±0.15%	0.015	±0.20%	±0.30%	Resistant	Unaffected	6	
Cross-Colors LP (PO)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	N/A	±0.15%	0.015	±0.20%	±0.30%	Resistant	Unaffected	5	
Cross-Tread® (CTS)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.8	>0.8	±0.15%	N/A	±0.20%	±0.30%	Resistant	Unaffected	6	
Crossdot® (CD)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.9	>0.8	±0.15%	N/A	±0.20%	±0.30%	Resistant	Unaffected	6	
Cross-Grip® (CGS)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>1.2	>1.0	±0.15%	N/A	±0.20%	±0.30%	Resistant	Unaffected	6	
Cross-Slate® (CS)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.8	>0.7	±0.15%	N/A	±0.20%	±0.30%	Resistant	Unaffected	6	
EcoCycle (EC001)	<0.10%	<150	350 - 420 lbf.	>200 psi.	>0.7	>0.6	±0.15%	0.020	±0.20%	±0.30%	Resistant	Unaffected	6	
<b>Design Solutions™</b>														
Echo Recycled Glass	<0.10%		>500 lbf.	>100 psi.	>0.8	>0.4					Resistant	Unaffected	3	
<b>Illuminence</b>														
Water Crystal Mosaics	Clear	<0.10%	>500 lbf.	>100 psi.	>0.8	>0.3					Resistant	Unaffected	3	
	Frosted	<0.10%	>500 lbf.	>100 psi.	>0.8	>0.6					Resistant	Unaffected	3	
	Iridescent	<0.10%	>500 lbf.	>100 psi.	>0.8	>0.4					Resistant	Unaffected	3	

All tests conducted by an independent laboratory. Test results available on request.

^ Due to the slate-like surface texture of these tiles, the following tests cannot be recorded: Range of Thickness, Warpage and Wedging.

Like any material, Crossville® tile can become slippery when wet. We recommend that care be taken to keep the surface dry.

Color reproduction in the photography in this catalog is representative only. Slight variation is inherent in fired porcelain and natural stone. Before selecting a color, contact your local representative for live samples or call Sample Express at 1.800.221.9093.

\*C1027 Test Results:

Building Blox: A1201 (5), A1202 (5), A1203 (5), A1204 (4), A1205 (4), A1206 (3), A1207 (3), A1208 (3), A1209 (2).

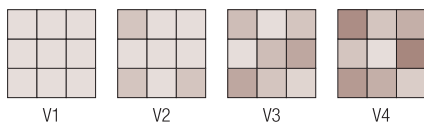
Color Blox Too Solids: A1121 (5), A1122 (3), A1123 (3), A1124 (2), A1125 (2), A1126 (2), A1127 (5), A1128 (2).

Color Blox Too Stripes: A1171 (5), A1172 (3), A1173 (3), A1174 (2), A1175 (2), A1176 (2), A1177 (5), A1178 (2).

Palais: AV141 (5), AV142 (5), AV143 (3), AV144 (3).

Tuscan Clay: AV161 (4), AV162 (2), AV163 (3), AV164 (3).

UltiMetal: MTL01 (4), MTL02 (3), MTL03 (3), MTL04 (2), MTL05 (3).



**Shade & Texture Index**

- V1 = Uniform Appearance** Differences among pieces from the same production run are minimal.
- V2 = Slight Variation** Clearly distinguishable texture and/or pattern within similar colors.
- V3 = Moderate Variation** While the colors and/or textures present on a single piece of tile will be indicative of the colors and/or textures to be expected on the other tiles, the amount of colors and/or texture on each piece may vary significantly. It is recommended that the range be viewed before selection.
- V4 = Substantial Variation** Random color and/or texture differences from tile to tile, so that one tile may have totally different colors and/or textures from that on other tiles. Thus, the final installation will be unique. It is recommended that the range be viewed before selection.