

**Floor Tile Performance Data**

ASTM Test Method	Water Absorption	Abrasive Wear	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
ANSI Requirements	0.5% Max.	C501 100 Min.	C1027 250 lbs. Min.	C648 50psi Min.	C482 No ANSI Std.	C1028-89 No ANSI Std.	C499 1.5% Max.	C499 0.040 Max.	C485 ±0.75% Max.	C502 0.55% Max.	C1026 Resistant	C650 Unaffected	MOH'S Scale	
Americana Series (UPS)	<0.10%	>100	>350 lbf.	>200psi.	>0.7	>0.6	0.30% Max.	0.030 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	9	
Building Blox Series (UP)	<0.10%	>100	2-5* >450 lbf.	>200psi.	>0.6	>0.6	0.30% Max.	0.030 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Buenos Aires Mood Series (UP)	<0.10%	>250	>425 lbf.	>200psi.	>0.7	>0.6	0.70% Max.	0.020 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Buenos Aires Mood Series (PO)	<0.10%	>250	>425 lbf.	>200psi.	>0.6	N/A	0.70% Max.	0.020 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Buenos Aires Mood Series (TX)	<0.10%	>250	>425 lbf.	>200psi.	>0.7	>0.7	0.70% Max.	0.020 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Color Blox Series (UPS)	<0.10%	>175	>450 lbf.	>200psi.	>0.8	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Color Blox EC Series (UPS)	<0.10%	>175	>450 lbf.	>200psi.	>0.8	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Color Blox Mosaics Series (UPS)	<0.10%	>175	>250 lbf.	>200psi.	>0.8	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Color Blox Too Series (UPS)	<0.10%	>175	2-5* >450 lbf.	>200psi.	>0.7	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Empire Series (UP)	<0.10%	>250	>425 lbf.	>200psi.	>0.6	>0.6	0.30% Max.	0.020 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Empire Series (PO)	<0.10%	>250	>425 lbf.	>200psi.	>0.6	N/A	0.30% Max.	0.020 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
EcoCycle Series (UPS)	<0.10%	>125	>350 lbf.	>200psi.	>0.65	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	9	
Now Series (UP)	<0.10%	>200	>500 lbf.	>150psi.	>0.7	>0.6	+	+	+	+	Resistant	Unaffected	8	
Palais (UPS)	<0.10%	>100	3-5* >450 lbf.	>200psi.	>0.8	>0.6	0.35% Max.	0.035 Max.	±0.20% Max.	0.30% Max.	Resistant	Unaffected	7	
Plan (UP)	<0.10%	>100	>1000 lbf.	>100psi.	>0.8	>0.7	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	7	
Pompeii Series (UPS)	<0.10%	>100	>350 lbf.	>200psi.	>0.8	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	8	
Retro Active Series (UPS)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6	
Savoy Series	12-18%	-	>600 lbf.	>100psi.	>0.78	>0.57	0.30% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	5	
Strong Series (UP)	<0.10%	>175	>475 lbf.	>200psi.	>0.8	>0.6	0.30% Max.	+	+	0.50% Max.	Resistant	Unaffected	9	
Tuscan Clay Series (UPS)	<0.50%	>100	2-4* >450 lbf.	>200psi.	>0.7	>0.6	+	+	+	+	Resistant	Unaffected	7	
Ultimetal Series (UP)	<0.50%	>100	2-4* >500 lbf.	>200psi.	>0.8	>0.7	0.30% Max.	+	+	0.50% Max.	Resistant	Unaffected	6	
WeatherStone Series (UPS)	<0.10%	>100	>425 lbf.	>200psi.	>0.6	>0.6	0.30% Max.	+	+	0.50% Max.	Resistant	Unaffected	7	
WeatherStone Series (XT)	<0.10%	>125	>425 lbf.	>200psi.	>0.8	>0.8	0.30% Max.	+	+	0.50% Max.	Resistant	Unaffected	8	

**Cross Colors**

A Series Cross-Sheen (UPS)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
A Series Cross-Sheen (PO)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	N/A	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	5
B Series Colors (UPS)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.22% Max.	0.50% Max.	Resistant	Unaffected	6
B Series Colors (PO)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	N/A	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	5
C Series Colors (UPS)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
C Series Colors (PO)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	N/A	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	5
Cross-Colors LP (UPS)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
Cross-Colors LP (PO)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.6	N/A	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	5
Cross-Tread (CTS)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.8	>0.8	0.20% Max.	N/A	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
Cross-Dot (CD)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.9	>0.8	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
Cross-Grip (CGS)	<0.10%	270-330	350-420 lbf.	>200psi.	>1.2	>1.0	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
Cross-Slate (CS)	<0.10%	270-330	350-420 lbf.	>200psi.	>0.8	>0.7	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
Eco-Cycle (R)	<0.10%	250-275	350-420 lbf.	>200psi.	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6

Echo Recycled Glass	<0.10%		>500 lbf.	>100psi.	>0.8	>0.4					Resistant	Unaffected	
Illuminescence Glass													
Water Crystal Mosaics	Clear Finish	<0.10%		>500 lbf.	>100psi.	>0.8	>0.3				Resistant	Unaffected	3
	Frosted Finish	<0.10%		>500 lbf.	>100psi.	>0.8	>0.6				Resistant	Unaffected	3
	Iridescent Finish	<0.10%		>500 lbf.	>100psi.	>0.8	>0.4				Resistant	Unaffected	3

All Tests Conducted by an Independent Laboratory. Test Results Available Upon Request.

All A Series Material will have MOH's Rating Greater or Equal to 6.

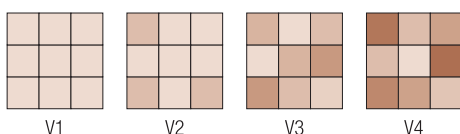
+ Due to the Slate-Like Surface Texture of These Tiles the Following Tests Cannot be Recorded - Range of Thickness, Warpage (Diagonal) and Wedging.

Like Any Material, Crossville Tile Tends to Become Slippery when Wet. It is Recommended that Care be Taken to Keep the Surface Dry.

Color Reproduction in Each Photo Within Catalog and Product Data Sheets is Representative; Slight Variation is Inherent in Fired Porcelains. Call Your Local Representative for Samples.

\*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), A1127 (5), A1122 (3), A1123 (3), A1124 (2), A1125 (2), A1126 (2), A1128 (2). Color Blox Too stripes A1171 (5), A1177 (5), A1172 (3), A1173 (3), A1174 (2), A1175 (2), A1176 (2), 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 present on a single piece of tile will be indicative of the colors to be expected on the other tiles, the amount of colors on each piece may vary significantly.
- V4>Substantial Variation** Random color differences from tile to tile, so that one tile may have totally different colors from that on other tiles. Thus, the final installation will be unique.