

# Crossville Porcelain Stone - Performance Data Sheet

	Water Absorption	Abrasive Wear	Breaking Strength	Bond Strength	of Friction COF >Dry	Coefficient of Friction COF >Wet	Coefficient Dimensions Range	Facial Range of Thickness	Warpage (Diagonal)	Wedging	Frost Resistance	Chemical Resistance	Scratch Hardness
ASTM Test Method	C373	C501	C648	C482	C1028-89	C1028-89	C499	C499	C485	C502	C1026	C650	MOH'S Scale
ANSI Requirements	0.5% Max.	100 Min.	250 lbs. Min.	50psi Min.	No ANSI Std.	No ANSI Std.	1.5% Max.	0.040 Max.	±0.20 Max.	0.55% Max.	Resistant	Unaffected	
Americana Series (UPS)	0.10%	210-270	350-420 lbs.	>200psi	>0.7	>0.6	0.33% Max.	0.030 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Aurora Series (UPS)	<0.10%	220-240	320-340 lbs.	>200psi	>0.6	>0.6	0.30% Max.	†	†	†	Resistant	Unaffected	
Aurora XT Series (XT)	<0.10%	220-240	320-340 lbs.	>200psi	>0.8	>0.8	0.30% Max.	†	†	†	Resistant	Unaffected	
Gemas Series (PO)	<0.15%	250-300	>450 lbs.	>200psi	>0.6	N/A	0.10% Max.	0.030 Max.	±0.20% Max.	0.30% Max.	Resistant	Unaffected	5
Pompeii Series (UPS)	0.06%	250-275	350-420 lbs.	>200psi	>0.8	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	8
Cronos Series (UP)	0.10%	233-293	488-558 lbs.	>200psi	>0.8	>0.6	0.10% Max.	0.035 Max.	±0.20% Max.	0.30% Max.	Resistant	Unaffected	9
Cronos Series (PO)	0.10%	233-293	455-525 lbs.	>200psi	>0.6	N/A	0.10% Max.	0.035 Max.	±0.20% Max.	0.30% Max.	Resistant	Unaffected	
Milestone Mosaics Series (UPS)	<0.09%	†	218-288 lbs.	>217psi	>0.8	>0.7	0.30% Max.	†	†	†	Resistant	Unaffected	
Antico Fresco Series (UPS)	0.10%	320-390	302-372 lbs.	>200psi	>0.7	>0.6	0.30% Max.	0.030 Max.	±0.20% Max.	0.55% Max.	Resistant	Unaffected	9
Fossilstone II Series (UPS)	0.07%	210-270	391-461 lbs.	>200psi	>0.7	>0.6	0.30% Max.	0.030 Max.	±0.20% Max.	0.55% Max.	Resistant	Unaffected	7
Empire Series (UP)	0.06%	250-275	425-450 lbs.	>200psi	>0.6	>0.6	0.30% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
Empire Series (PO)	0.06%	250-275	425-450 lbs.	>200psi	>0.6	N/A	0.30% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Mountain Stone Series (UPS)	0.06%	220-240	320-340 lbs.	>200psi	>0.7	>0.6	†	†	†	†	Resistant	Unaffected	
Manor Stone Series (UPS)	0.10%	175-235	320-390 lbs.	>200psi	>0.6	>0.5	0.30% Max.	0.020 Max.	±0.20% Max.	0.40% Max.	Resistant	Unaffected	6
Limestone Series (UPS)	0.10%	175-235	320-390 lbs.	>200psi	>0.6	>0.5	0.30% Max.	0.030 Max.	±0.20% Max.	0.55% Max.	Resistant	Unaffected	6
Strong Series (UP)	0.20%	138-198	480-550 lbs.	>200psi	>0.8	>0.6	0.30% Max.	†	†	†	Resistant	Unaffected	9
Vermont Series (UPS)	0.04%	210-270	391-461 lbs.	>200psi	>0.85	>0.7	0.33% Max.	†	†	†	Resistant	Unaffected	8
Siena Series (UP)	0.04%	140-200	280-350 lbs.	>200psi	>0.6	>0.6	0.70% Max.	0.700 Max.	±0.25% Max.	0.50% Max.	Resistant	Unaffected	8
Eco-Cycle Stone - Limestone (UPS)	0.10%	175-235	320-390 lbs.	>200psi	>0.6	>0.5	0.30% Max.	0.030 Max.	±0.20% Max.	0.55% Max.	Resistant	Unaffected	
Eco-Cycle Stone - Pompeii (UPS)	0.06%	250-275	350-420 lbs.	>200psi	>0.8	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	8
A Series Cross-Sheen (UPS)	0.06%	270-330	350-420 lbs.	>200 psi	>0.6	>0.6	0.20%Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
A Series Polished (PO)	0.06%	270-330	350-420 lbs.	>200psi	>0.6	N/A	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
B Series Colors (UP)	0.20%	100-156	372-442 lbs.	>200psi	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.22% Max.	0.50% Max.	Resistant	Unaffected	
B Series Colors (PO)	0.06%	270-330	350-420 lbs.	>200psi	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
C Series Colors (UPS)	0.06%	270-330	350-420 lbs.	>200 psi	>0.6	>0.6	0.20%Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	6
C Series Colors (PO)	0.06%	270-330	350-420 lbs.	>200psi	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Cross-Colors LP (UPS)	0.06%	270-330	350-420 lbs.	>200psi	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Cross-Colors LP (PO)	0.06%	270-330	350-420 lbs.	>200psi	>0.6	N/A	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Cross-Plus (CP)	0.06%	270-330	350-420 lbs.	>200psi	>0.8	>0.7	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	9
Cross-Tread (CTS)	0.06%	270-330	350-420 lbs.	>200psi	>0.8	>0.8	0.20% Max.	N/A	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Cross-Dot (CD)	0.06%	270-330	350-420 lbs.	>200psi	>0.9	>0.8	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Cross-Grip (CG)	0.06%	270-330	350-420 lbs.	>200psi	>1.2	>1.0	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Resistant	
Cross-Slate (CS)	0.06%	270-330	350-420 lbs.	>200psi	>0.8	>0.7	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Eco-Cycle (R)	0.06%	250-275	350-420 lbs.	>200psi	>0.6	>0.6	0.20% Max.	0.011 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
GeoStone Eco-Cycle (UPS)	0.06%	270-330	350-420 lbs.	>200psi	>0.8	>0.6	0.30% Max.	0.040 Max.	±0.20% Max.	0.50% Max.	Resistant	Unaffected	
Cross-Colors Mosaics (UPS)	0.09%	270-330	218-288 lbs.	>200psi	>0.7	>0.6					Resistant	Unaffected	
Cross-Colors Mosaics (GL)	0.09%		218-288 lbs.	>200psi							Resistant	Unaffected	
Cross-Colors Mosaics (CTS)	0.09%	270-330	218-288 lbs.	>200psi	>0.8	>0.6					Resistant	Unaffected	

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. Due to the Sculpted Edge of Mountain Stone the Additional Test Cannot be Recorded - Facial Dimension (Range)

Like Any Material, Crossville Porcelain 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.