



## Eden - Valders Stone | Valders Division ASTM Classification Index by Color

Valders Stone & Marble  
318 W. Washington Street,  
Valders, WI 54245  
Phone: 920-775-4151  
evstone.net

Test Description	Sample	Type 3 ASTM Min. Rating	Report #	Valders Stone Average Test Result	Comments
ASTM C97 Absorption(%), Density (lbs/cf), Bulk Specific Gravity	Dovewhite	3% & 160 lbs/cf	59:4719	0.533% & 170.6 lbs/cf	2.734 Spec. Grav., ECS 4-26
	Gray		59:4719	0.558% & 170.5 lbs/cf	2.733 Spec. Grav., ECS 4-26
	Buff		59:4719	1.34% & 161 lbs/cf	2.572 Spec. Grav., ECS 4-26
ASTM C99 Modules of Rupture - psi (Pounds per Square Inch)	Dovewhite	1,000 psi	59:4719	2,910 psi	ECS 4-26 Ave.
	Gray		59:4719	2,660 psi	ECS 4-26 Ave.
	Buff		59:4719	2,310 psi	ECS 4-26 Ave.
ASTM C170 Compressive Strength - psi (Pounds per Square Inch)	Dovewhite	8,000 psi	59:4719	36,980 psi	ECS 4-26 Ave.
	Gray		59:4719	35,460 psi	ECS 4-26 Ave.
	Buff		59:4719	29,298 psi	ECS 4-26 Ave.
ASTM C880 Flexural Strength - psi (Pounds per Square Inch)	Dovewhite	1,000 psi	59:4719	2,610 psi	ECS 4-26 Ave.
	Gray		59:4719	2,830 psi	ECS 4-26 Ave.
	Buff		59:4719	1,415 psi	ECS 4-26 Ave.
ASTM C568/C1353 Abrasion Resistance	Dovewhite	H <sub>a</sub> ≥ 10	25-0147.02-RO	43.9 H <sub>a</sub>	ECS 4-26 Ave.
	Gray		25-0147.03-RO	37.4 H <sub>a</sub>	ECS 4-26 Ave.
	Buff		25-0147.01-RO	14.5 H <sub>a</sub>	ECS 4-26 Ave.
ASTM C1371/C1549 Thermal Emittance/Solar Reflectance	Dovewhite			0.89 / 0.53	
	Gray				
	Buff				
ASTM C1980 Solar Reflectance Index	Dovewhite	Dovewhite Average: 68	Low Wind	All Color Average: 60	Overall Average: 62
	Gray	Gray Average: 55	Medium Wind	All Color Average: 62	
	Buff	Buff Average: 64	High Wind	All Color Average: 64	