



Eden-Valders Stone | Test Data ASTM Classification Index by EVS Location

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
	River Bluff		N06-394	0.54% & 164.4 lbs/cf	2.63 Spec. Grav., ECS 12-06
	Eden		N06-394	0.32% & 173.1 lbs/cf	2.77 Spec. Grav., ECS 12-06
	Chilton		N06-394	0.11% & 173.3 lbs/cf	2.77 Spec. Grav., ECS 12-06
	Oakfield		N06-394	0.45% & 171.2 lbs/cf	2.74 Spec. Grav., ECS 12-06
	Sandstone		N06-394	0.77% & 152.9 lbs/cf	2.45 Spec. Grav., ECS 12-06
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.
	River Bluff		N06-394	1,207.5 psi	RVT 12-06 Ave.
	Eden		N06-394	2,850 psi	RVT 12-06 Ave.
	Chilton		N06-394	2,935.5 psi	RVT 12-06 Ave.
	Oakfield		N06-394	1,975 psi	RVT 12-06 Ave.
	Sandstone		N06-394	1,460 psi	RVT 12-06 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.
	River Bluff		N06-394	14,827.5 psi	RVT 12-06 Ave.
	Eden		N06-394	33,870 psi	RVT 12-06 Ave.
	Chilton		N06-394	37,217.5 psi	RVT 12-06 Ave.
	Oakfield		N06-394	24,540 psi	RVT 12-06 Ave.
	Sandstone		N06-394	26,257.5 psi	RVT 12-06 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.
	River Bluff		N06-394	1,150 psi	RVT 12-06 Ave.
ASTM C568/C1353 Abrasion Resistance	Dovewhite	H _a ≥ 10	25-0147.02-RO	43.9 H _a	ECS 4-26 Ave.
	Gray		25-0147.03-RO	37.4 H _a	ECS 4-26 Ave.
	Buff		25-0147.01-RO	14.5 H _a	ECS 4-26 Ave.
	River Bluff		TEC 06-0588	15.27 Ave	TEC Lab (12-06)