

Eden Stone & Valders Stone Test Data rev.12-06

Test Description	Sample	Type 3 ASTM Min. Rating	Wet/Dry	Rift	Report #	VSM test result	Comments	
ASTM C97 Absorption, Density & Bulk Specific	Dovewhite	3% & 160lbs/cf	n/a	n/a	2003.3994	.247% & 173 lbs/cf	2.79 Spec.Grav.,WJE, 12-03	
	Gray	3% & 160lbs/cf	n/a	n/a	983275	.227% & 174 lbs./cf	2.79 Spec.Grav.,WJE, 4/99	
	Buff	3% & 160lbs/cf	n/a	n/a	N06-394	1.22% & 154.5 lbs./cf	2.47 Spec.Grav.,RVT, 12-06	
	(Silver Silurian)	River Bluff	3% & 160lbs/cf	n/a	n/a	N06-394	.54% & 164.4 lbs/cf	2.63 Spec. Grav.,RVT, 12-06
	Eden	3% & 160lbs/cf	n/a	n/a	N06-394	.32% & 173.1lbs./cf	2.77 Spec. Grav., RVT 12-06	
	Chilton	3% & 160lbs/cf	n/a	n/a	N06-394	.11% & 173.3lbs./cf	2.77 Spec. Grav., RVT 12-06	
	Oakfield	3% & 160lbs/cf	n/a	n/a	N06-394	.45% & 171.2lbs./cf	2.74 Spec. Grav., RVT 12-06	
Stevens Point	Sandstone	3% & 160lbs/cf	n/a	n/a	N06-394	.77% & 152.9lbs./cf	2.45 Spec. Grav., RVT 12-06	
ASTM C99 Modulus of Rupture	Dovewhite	1,000 psi	Dry	Perpend	2003.3994	3,409 psi	WJE Lab (12/03)	
		1,000 psi	Wet	Perpend	2003.3994	2,721 psi	WJE Lab (12/03)	
		1,000 psi	Dry	Parallel	2003.3994	2,236 psi	WJE Lab (12/03)	
		1,000 psi	Wet	Parallel	2003.3994	1,613 psi	WJE Lab (12/03)	
	Gray	1,000 psi	Dry	Perpend	983275	4,113 psi	WJE Lab (4-99)	
		1,000 psi	Wet	Perpend	983275	3,560 psi	WJE Lab (4-99)	
		1,000 psi	Dry	Parallel	983275	1,980 psi	WJE Lab (4-99)	
		1,000 psi	Wet	Parallel	983275	1,466 psi	WJE Lab (4-99)	
	Buff	1,000 psi	Dry	Perpend	N06-394	3,000 psi	RVT 12-06	
		1,000 psi	Wet	Perpend	N06-394	2,150 psi	RVT 12-06	
		1,000 psi	Dry	Parallel	N06-394	1,010 psi	RVT 12-06	
		1,000 psi	Wet	Parallel	N06-394	900 psi	RVT 12-06	
	(Silver Silurian)	River Bluff	1,000 psi	Dry	Perpend	N06-394	1,320 psi	RVT 12-06
			1,000 psi	Wet	Perpend	N06-394	1,450 psi	RVT 12-06
			1,000 psi	Dry	Parallel	N06-394	1,160 psi	RVT 12-06
			1,000 psi	Wet	Parallel	N06-394	900 psi	RVT 12-06
		Eden	1,000 psi	Dry	Perpend	N06-394	5,770 psi	RVT 12-06
			1,000 psi	Wet	Perpend	N06-394	2,920 psi	RVT 12-06
			1,000 psi	Dry	Parallel	N06-394	1,560 psi	RVT 12-06
			1,000 psi	Wet	Parallel	N06-394	1,150 psi	RVT 12-06
	Chilton	1,000 psi	Dry	Perpend	N06-394	4,650 psi	RVT 12-06	
		1,000 psi	Wet	Perpend	N06-394	3,980 psi	RVT 12-06	
		1,000 psi	Dry	Parallel	N06-394	1,690 psi	RVT 12-06	

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		1,000 psi	Wet	Parallel	N06-394	1,410 psi	RVT 12-06
	Oakfield	1,000 psi	Dry	Perpend	N06-394	2,910 psi	RVT 12-06
		1,000 psi	Wet	Perpend	N06-394	2,200 psi	RVT 12-06
		1,000 psi	Dry	Parallel	N06-394	1,760 psi	RVT 12-06
		1,000 psi	Wet	Parallel	N06-394	1,030 psi	RVT 12-06
Stevens Point	Sandstone	1,000 psi	Dry	Perpend	N06-394	1,500 psi	RVT 12-06
		1,000 psi	Wet	Perpend	N06-394	1,490 psi	RVT 12-06
		1,000 psi	Dry	Parallel	N06-394	1,450 psi	RVT 12-06
		1,000 psi	Wet	Parallel	N06-394	1,400 psi	RVT 12-06
ASTM C170 Compressive Strength	Dovewhite	8,000 psi	Wet	Parallel	2003.3994	20,277 psi	WJE Lab (12/03)
		8,000 psi	Dry	Parallel	2003.3994	18,495 psi	WJE Lab (12/03)
		8,000 psi	Wet	Perpend	2003.3994	17,765 psi	WJE Lab (12/03)
		8,000 psi	Dry	Perpend	2003.3994	22,383 psi	WJE Lab (12/03)
	Gray	8,000 psi	Wet	Parallel	N06-394	25,670 psi	RVT(12-06)
		8,000 psi	Dry	Parallel	N06-394	27,900 psi	RVT(12-06)
		8,000 psi	Wet	Perpend.	N06-394	27,790 psi	RVT(12-06)
		8,000 psi	Dry	Perpend.	N06-394	26,640 psi	RVT(12-06)
	Buff	8,000 psi	Dry	Perpend	N06-394	24,130 psi	RVT(12-06)
		8,000 psi	Wet	Perpend	N06-394	22,060 psi	RVT(12-06)
		8,000 psi	Dry	Parallel	N06-394	20,660 psi	RVT(12-06)
		8,000 psi	Wet	Parallel	N06-394	18,070 psi	RVT(12-06)
(Silver Silurian)	River Bluff	8,000 psi	Dry	Perpend	N06-394	15,360 psi	RVT(12-06)
		8,000 psi	Wet	Perpend	N06-394	14,320 psi	RVT(12-06)
		8,000 psi	Wet	Parallel	N06-394	13,970 psi	RVT(12-06)
		8,000 psi	Dry	Parallel	N06-394	15,660 psi	RVT(12-06)
Eden Stone Company	Eden	8,000 psi	Dry	Perpend	N06-394	30,450 psi	RVT(12-06)
		8,000 psi	Wet	Perpend	N06-394	33,020 psi	RVT(12-06)
		8,000 psi	Dry	Parallel	N06-394	37,780 psi	RVT(12-06)
		8,000 psi	Wet	Parallel	N06-394	34,230 psi	RVT(12-06)
	Chilton	8,000 psi	Dry	Perpend	N06-394	37,690 psi	RVT(12-06)
		8,000 psi	Wet	Perpend	N06-394	35,140 psi	RVT(12-06)
		8,000 psi	Dry	Parallel	N06-394	37,620 psi	RVT(12-06)
		8,000 psi	Wet	Parallel	N06-394	38,420 psi	RVT(12-06)
	Oakfield	8,000 psi	Dry	Perpend	N06-394	27,240 psi	RVT(12-06)
		8,000 psi	Wet	Perpend	N06-394	23,950 psi	RVT(12-06)

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		8,000 psi	Dry	Parallel	N06-394	26,000 psi	RVT(12-06)
		8,000 psi	Wet	Parallel	N06-394	20,970 psi	RVT(12-06)
Stevens Point	Sandstone	8,000 psi	Dry	Perpend	N06-394	26,440 psi	RVT(12-06)
		8,000 psi	Wet	Perpend	N06-394	27,330 psi	RVT(12-06)
		8,000 psi	Dry	Parallel	N06-394	25,640 psi	RVT(12-06)
		8,000 psi	Wet	Parallel	N06-394	25,620 psi	RVT(12-06)
ASTM C880 Flexural Strength	Dovewhite	1,000 psi	Wet	Parallel	2003.3994	1,128 psi	WJE Lab (12/03)
		1,000 psi	Dry	Parallel	2003.3994	1,797 psi	WJE Lab (12/03)
		1,000 psi	Wet	Perpend.	2003.3994	1,947 psi	WJE Lab (12/03)
		1,000 psi	Dry	Perpend.	2003.3994	2,130 psi	WJE Lab (12/03)
	Gray	1,000 psi	Wet	Parallel	983275	1,122 psi	WJE Lab (4-99)
		1,000 psi	Dry	Parallel	983275	1,499 psi	WJE Lab (4-99)
		1,000 psi	Wet	Perpend.	983275	1,995 psi	WJE Lab (4-99)
		1,000 psi	Dry	Perpend.	983275	2,442 psi	WJE Lab (4-99)
	Buff	1,000 psi	Dry	Perpend.	N06-394	1,300 psi	RVT(12-06)
		1,000 psi	Wet	Perpend.	N06-394	1,000 psi	RVT(12-06)
(Silver Silurian)	River Bluff	1,000 psi	Dry	Perpend.	N06-394	1,110 psi	RVT(12-06)
		1,000 psi	Wet	Perpend.	N06-394	1,190 psi	RVT(12-06)
ASTM C241 Abrasion Resistance	Dovewhite	10	n/a	n/a	TEC 06-0588	21.06 Ave.	TEC Lab (12-06)
	Gray	10	n/a	n/a	178920-27	22.73 Ave.	SGS Lab (9/03)
	Buff	10	n/a	n/a	TEC 06-0588	15.80 Ave.	TEC Lab (12-06)
(Silver Silurian)	River Bluff	10	n/a	n/a	TEC 06-0588	15.27 Ave.	TEC Lab (12-06)

*VSM = Valders Stone & Marble

*Dovewhite Blush is color shade of Dovewhite

*Updated Testing in progress, material highlighted in yellow

*Eden Stone materials highlighted in green