



Flexural Strength

Date 3/20/2003 & 3/22/2003
 Test Method ASDTM C99-87 (Reapproved 2000) Standard Test Method for Modulus of Rupture of Dimension Stone
 Exposure Cycle Dried at 60 +/-2 degrees C for 48 hours, then cooled to 23+/-2 degrees C in a desiccator
 Support Span 7 inches
 Crosshead Speed 0.02 inches/min (Dial @ 1.3)
 Equipment Tinius Olsen, 10K pressure transducer ITS ID 9-0432
 Mitutoyo Digital Calipers CD-18 SN 7003817
 Mitutoyo Digital Calipers SN 98865 ITS ID 52639

Sample	Length (mm)	Width (mm)	Thickness (mm)	Max Load (lbf)	Modulus of Rupture (MPa)	Modulus of Rupture (psi)
3/20/2003						
1	202.0	101.9	37.2	276	2.33	338
2	201.0	100.8	41.6	388	2.65	384
3	201.7	102.1	41.4	309	2.10	305
4	201.3	101.7	44.9	496	2.88	417
5	202.6	100.6	38.9	386	3.02	437
6	201.4	101.1	40.6	322	2.30	333
				Mean Result	2.54	369
				Coefficient of Variation	14.2%	14.2%

Sample	Length (mm)	Width (mm)	Thickness (mm)	Max Load (lbf)	Modulus of Rupture (MPa)	Modulus of Rupture (psi)
3/22/2003						
1	202.4	102.2	39.6	408	3.03	439
2	202.5	101.8	42.4	396	2.57	373
3	204.6	101.8	42.1	272	1.79	260
4	204.4	101.3	43.8	359	2.19	318
5	203.1	102.3	42.7	431	2.75	399
6	203.7	101.8	38.7	172	1.34	195
				Mean Result	2.28	331
				Coefficient of Variation	27.7%	27.7%

Prairie Stone International
 1 Cole Avenue, Winnipeg, MB, Canada, R2L 1J3
 Phone: (204) 667-3330, Fax: (204) 668-7581, Website: www.prairiestoneintl.com