

## Test Results – Monmouth Red

Safety in Use		
Slip Resistance <sup>(Note 1)</sup>	72	Wet. Values > 40 are considered safe.
Abrasion Resistance <sup>(Note 1)</sup>	Not Tested	Values <23.0 are considered suitable for use in heavily trafficked areas
Strength under load		
1) Compression <sup>(Note 2)</sup>	153.4 MPa	Loaded perpendicular to the bedding plane ambient humidity
2) Bending <sup>(Note 1)</sup>	18.4 MPa	Loaded perpendicular to the bedding plane ambient humidity
	Not Tested	Loaded parallel to the bedding plane ambient humidity
Porosity and Water Absorption		
1) Porosity <sup>(Note 3)</sup>	9.7%	
2) Saturation Coefficient <sup>(Note 3)</sup>	0.65	
3) Water Absorption	2.6 % (by wt)	
4) Bulk specific gravity	2435kg/m <sup>3</sup>	
Resistance to Frost		
Flexural strength after Freeze/Thaw Test <sup>(Note 1)</sup>	16.1 MPa	Loaded perpendicular to the bedding plane ambient humidity
Resistance to Salt		
Sodium Sulphate Crystallisation Test <sup>(Note 3)</sup>	-0.48% Mean wt loss	
Resistance to Acidity		
Acid Immersion <sup>(Note 4)</sup>	Fail (2000) Pass (1993)	