

MATERIAL PHYSICAL PROPERTY SHEET



SUPPLIER:	New Milton Sand & Ballast				
SOURCE:	Criggion Quarry Shrewsbury			YEAR	2015
AGG TYPE:	Crushed Rock Criggion Green				
AGG SIZE :	6.3-14mm				
PROPERTY				SIEVE SIZE	
LOS ANGELES	16			31.5mm	100 100-100
PARTICAL DENSITY	2.78			25mm	100
WATER ABSORPTION	1.5			20mm	100 98-100
LOOSE BULK DENSITY	1.35			16mm	100
RODDED BULK DENSITY	1.59			14mm	85 85-100
SHELL CONTENT				12.5mm	85
FLAKINESS INDEX	10			10mm	7
CALCIUM CARBONATE CONTENT	3.32			8mm	0
PH VALUE	8.2			6.3mm	0 0-20
SHAPE INDEX				5mm	0
DRYING SHRINKAGE	0.023			4mm	0
MAGNESIUM SULPHATE	5			2.8mm	0 0-5
MICRO DEVAL	14			2mm	0
PSV	62			1mm	0
Frost Heave	9.2			0.50mm	0
				0.250mm	0
				0.063mm	0 0-4
				Moisture	1.1

Authorised By 

Date 25/2/2015