

# MATERIAL PHYSICAL PROPERTY SHEET



<b>SUPPLIER:</b>	<b>New Milton Sand &amp; Ballast</b>					
<b>SOURCE:</b>	<b>Hurn Court Farm</b>			<b>YEAR</b>	<b>2015</b>	
<b>AGG TYPE:</b>	<b>Sand</b>					
<b>AGG SIZE :</b>	<b>0/4mm Washed Concreting Sand</b>					
<b>PROPERTY</b>				<b>SIEVE SIZE</b>		
SAND EQUIVALENT VALUE	84			31.5mm		
MEAN LOOSE BULK DENSITY	1.59			20mm		
MEAN COMPACTED BULK DENSITY	1.71			14mm		
APPARENT PARTICAL DENSITY	2.68			12.5mm		
PARTICAL DENSITY (OVEN DRIED)				10mm		
PARTICAL DENSITY SSD				8mm	100	100-100
WATER ABSORPTION	0.3			6.3mm	100	95-100
LIGHTWEIGHT PARTICALS IN AGGREGATES	<0.1			4mm	97	85-99
METHYLENE BLUE CONTENT				2.8mm	92	
TOTAL SULFUR				2mm	88	
ACID SOLUBLE SULPHATE	0.09			1mm	78	
WATER SOLUBLE MATTER	0.5			0.5mm	58	30-70
SULPHUR				0.25mm	26	
PH	7.4			0.125mm	5	
				0.063mm	1	0-3
				Pan	1.2	

Authorised By

Date 25/2/2015