




**Newlay  
Asphalt**

2024				<b>BS EN 13108-5:2016</b> <span style="float: right;"><u>UKCA Mark ref. NAAC008 Dated 01 Jan 2024</u></span> <b>Bituminous mixtures - Material specifications Part 5: Stone Mastic Asphalt</b> <b>Newlay Asphalt Limited</b> <b>Elite House, Spellowgate, Driffield, East Yorkshire, YO25 5UP</b>
<b>Source and material description: Newlay Asphalt Dewsbury Plant - Part 5: Stone Mastic Asphalt - 14mm SMA 100/150</b>				
Intended use: For use on roads, airfields and other trafficked areas				
Attestation Level 2+ Certified by UK Approved Body BSI - Ref. 0086 - CPR - 623633				
<b>Essential Characteristics</b>		<b>Declared values</b>		
Target Composition (Grading)	<b>Sieve Size (mm)</b>	<b>Passing (%)</b>	<b>Tolerance</b>	
	20.000	100.00	As EN 13108-5	
	14.000	95.00	As EN 13108-5	
	10.000	57.00	As EN 13108-5	
	6.300	33.00	As EN 13108-5	
	2.000	23.00	As EN 13108-5	
	0.063	9.00	As EN 13108-5	
<small>Note - RAP may be included at an addition rate of up to 20%. The final grading above will be unchanged.</small>				
Binder Content	5.80%			
Fibre Content	0.30%			
Temperature Range	120 to 170 Degees C. (Note - 'Warm Mix' parameters are 20 Deg. C less than those stated herein)			
Void Content (Maximum)	V <sub>max</sub> NR			
Void Content (Minimum)	V <sub>min</sub> NR			
Water Sensitivity	ITSR NR			
Resistance to Abrasion	ABR NR			
Reaction to Fire	Euroclass Cfl NR			
Stiffness (Maximum)	S <sub>max</sub> NR			
Stiffness (Minimum)	S <sub>min</sub> NR			
Resistance to Permanent Deformation	F <sub>cmax</sub> NR			
Coarse Aggregate	BS EN 13043 - As Approved Supplier List			
Fine Aggregate	BS EN 13043 - As Approved Supplier List			
Filler Aggregate	BS EN 13043 (Natural or Extracted) - As Approved Supplier List			
Declaration of Performance	<small>In accordance with the CPR regulations, the Declaration of Performance (DoP) is held on our web site <a href="https://www.newlayasphalt.co.uk/certification">https://www.newlayasphalt.co.uk/certification</a> (or will be supplied directly). The appropriate DoP is referenced NAAC002 UKCA DOP on the UKCA Regulations page and/or on formal documentation.</small>			<b>CPR DoP Electronic Provision No. 305/2011</b>