




**Newlay  
Asphalt**

2023				<b>BS EN 13108-5:2016</b> <span style="float: right;"><u>UKCA Mark ref. NAAC008 Dated 01 Jan 2023</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>		
		<b>Sieve Size (mm)</b>	<b>Passing (%)</b>	<b>Tolerance</b>
Target Composition (Grading)		20.000	100.00	As EN 13108-1
		14.000	95.00	As EN 13108-1
		10.000	57.00	As EN 13108-1
		6.300	33.00	As EN 13108-1
		2.000	23.00	As EN 13108-1
		0.063	9.00	As EN 13108-1
Binder Content			5.80%	
Fibre Content			0.30%	
Temperature Range			120 to 170 Degees C.	
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>