




**Newlay  
Asphalt**

2024				<b>BS EN 13108-5:2016</b> <span style="float: right;"><u>UKCA Mark ref. NAAC005 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, Drifffield, East Yorkshire, YO25 5UP</b>
<b>Source and material description: Newlay Asphalt Dewsbury Plant - Part 5: Stone Mastic Asphalt - 10mm SMA 100/150 &amp; 40/60</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)		14.000	100.00	As EN 13108-5
		10.000	95.00	As EN 13108-5
		6.300	45.00	As EN 13108-5
		2.000	27.00	As EN 13108-5
		0.063	10.00	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		6.20%		
Fibre Content		0.30%		
Temperature Range		125 PEN (blend) - 120 to 170 Degees C. (Note - 'Warm Mix' parameters are 20 Deg. C less than those stated herein). PEN (40/60) - 120 to 190 Degees C. (Note - 'Warm Mix' parameters are 20 Deg. C less than those stated herein)		50
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>