




**Newlay
Asphalt**

2024				BS EN 13108-5:2016 <u>UKCA Mark ref. NAAC008 Dated 01 Jan 2024</u> Bituminous mixtures - Material specifications Part 5: Stone Mastic Asphalt Newlay Asphalt Limited Elite House, Spellowgate, Driffield, East Yorkshire, YO25 5UP
Source and material description: Newlay Asphalt Dewsbury Plant - Part 5: Stone Mastic Asphalt - 14mm SMA 100/150				
Intended use: For use on roads, airfields and other trafficked areas				
Attestation Level 2+ Certified by UK Approved Body BSI - Ref. 0086 - CPR - 623633				
Essential Characteristics		Declared values		
Target Composition (Grading)	Sieve Size (mm)	Passing (%)	Tolerance	
	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 30 Deg. C less than those stated herein)			
Void Content (Maximum)	V _{max} NR			
Void Content (Minimum)	V _{min} NR			
Water Sensitivity	ITSR NR			
Resistance to Abrasion	ABR NR			
Reaction to Fire	Euroclass Cfl NR			
Stiffness (Maximum)	S _{max} NR			
Stiffness (Minimum)	S _{min} NR			
Resistance to Permanent Deformation	F _{cmax} 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 https://www.newlayasphalt.co.uk/certification (or will be supplied directly). The appropriate DoP is referenced NAAC002 UKCA DOP on the UKCA Regulations page and/or on formal documentation.</small>			CPR DoP Electronic Provision No. 305/2011