




**Newlay
Asphalt**

2023				BS EN 13108-5:2016 <u>UKCA Mark ref. NAAC005 Dated 01 Jan 2023</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 - 10mm 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		
		Sieve Size (mm)	Passing (%)	Tolerance
Target Composition (Grading)		14.000	100.00	As EN 13108-1
		10.000	95.00	As EN 13108-1
		6.300	45.00	As EN 13108-1
		2.000	27.00	As EN 13108-1
		0.063	10.00	As EN 13108-1
Binder Content			6.20%	
Fibre Content			0.30%	
Temperature Range			120 to 170 Degees C.	
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