




**Newlay
Asphalt**

2024				BS EN 13108-5:2016 <u>UKCA Mark ref. NAAC004 Dated 01 Jan 2024 r1</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 - 6mm 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)		10.000	100.00	As EN 13108-1
		6.300	95.00	As EN 13108-1
		4.000	51.00	As EN 13108-1
		2.000	30.00	As EN 13108-1
		0.063	9.00	As EN 13108-1
Binder Content		6.60%		
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	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.			CPR DoP Electronic Provision No. 305/2011