




**Newlay
Asphalt**

2024				BS EN 13108-1:2016	<u>UKCA Mark ref. NAAC003 Dated 01 Jan 2024</u>
		Bituminous mixtures - Material specifications Part 1: Asphalt Concrete			
		Newlay Asphalt Limited			
		Elite House, Spellowgate, Driffield, East Yorkshire, YO25 5UP			
Source and material description: Newlay Asphalt Dewsbury Plant - Asphalt Concrete - AC20 Dense Surface 100/150 & 40/60					
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)		31.500	100.00	As EN 13108-1	
		20.000	99.00	As EN 13108-1	
		10.000	63.00	As EN 13108-1	
		6.300	51.00	As EN 13108-1	
		2.000	29.00	As EN 13108-1	
		0.250	12.00	As EN 13108-1	
		0.063	5.00	As EN 13108-1	
<small>Note - RAP may be included at an addition rate of up to 20%. The final grading above will be unchanged.</small>					
Binder Content		4.60%			
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 _{max} NR			
Void Content (Minimum)		V _{min} NR			
Water Sensitivity		ITSR NR			
Resistance to Abrasion		ABR NR			
Reaction to Fire		Euroclass CfI 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