




**Newlay
Asphalt**

| | | | | | |
|--|--|---|--------------------|---------------------------|---|
| 2024 | |  UK CA 0086 | | BS EN 13108-1:2016 | <u>UKCA Mark ref. NAAC006 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 - AC10 Open 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) | | 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 | 17.00 | 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 | | 5.00% | | | |
| 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 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 |