



**Newlay  
Asphalt**

|   |  |  |  |  |  |   |  |
|---|--|--|--|--|--|---|--|
| 2023  |  | <div><div>UKCA</div><div>0086</div></div>  |  | BS EN 13108-5:2016   |  | UKCA Mark ref. NAAC004 Dated 01 Jan 2023  |  |
|   |  |  |  | Bituminous mixtures - Material specifications Part 5: Stone Mastic Asphalt |  |   |  |
|   |  |  |  | Newlay Asphalt Limited   |  |   |  |
|   |  |  |  | Elite House, Spellowgate, Drifffield, 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  |  |  |  |   |  |
| Target Composition (Grading)  |  | Sieve Size (mm)  |  | Passing (%)  |  | Tolerance                                 |  |
|   |  | 10.000   |  | 100.00   |  | As EN 13108-1                             |  |
|   |  | 6.300  |  | 95.00  |  | As EN 13108-1                             |  |
|   |  | 4.000  |  | 46.00  |  | As EN 13108-1                             |  |
|   |  | 4.000  |  | 30.00  |  | As EN 13108-1                             |  |
|   |  | 0.063  |  | 10.00  |  | As EN 13108-1                             |  |
| Binder Content  |  | 6.60%  |  |  |  |   |  |
| Fibre Content   |  | 0.30%  |  |  |  |   |  |
| Temperature Range   |  | 120 to 170 Degees C.   |  |  |  |   |  |
| Void Content (Maximum)  |  | V <sub>max</sub> NR  |  |  |  |   |  |
| Void Content (Minimum)  |  | V <sub>min</sub> NR  |  |  |  |   |  |
| Water Sensitivity   |  | ITSR NR  |  |  |  |   |  |
| Resistance to Abrasion  |  | ABR NR   |  |  |  |   |  |
| Reaction to Fire  |  | Euroclass Cfl NR   |  |  |  |   |  |
| Stiffness (Maximum)   |  | S <sub>max</sub> NR  |  |  |  |   |  |
| Stiffness (Minimum)   |  | S <sub>min</sub> NR  |  |  |  |   |  |
| Resistance to Permanent Deformation   |  | F <sub>cmax</sub> 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 <a href="https://www.newlayasphalt.co.uk/certification">https://www.newlayasphalt.co.uk/certification</a> (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 |  |