




**Newlay  
Asphalt**

|  |  |   |                    |                           |   |
|--|--|---|--------------------|---------------------------|---|
| 2024   |  | <br><b>UK<br/>CA</b><br>0086   |                    | <b>BS EN 13108-1:2016</b> | <u>UKCA Mark ref. NAAC003 Dated 01 Jan 2024</u> |
| <b>Bituminous mixtures - Material specifications Part 1: Asphalt Concrete</b>  |  |   |                    |                           |   |
| <b>Newlay Asphalt Limited</b>  |  |   |                    |                           |   |
| <b>Elite House, Spellowgate, Driffield, East Yorkshire, YO25 5UP</b>   |  |   |                    |                           |   |
| <b>Source and material description: Newlay Asphalt Dewsbury Plant - Asphalt Concrete - AC20 Dense Surface 100/150</b>  |  |   |                    |                           |   |
| Intended use: For use on roads, airfields and other trafficked areas   |  |   |                    |                           |   |
| Attestation Level 2+ Certified by UK Approved Body BSI - Ref. 0086 - CPR - 623633                                      |  |   |                    |                           |   |
| <b>Essential Characteristics</b>   |  | <b>Declared values</b>  |                    |                           |   |
|  |  | <b>Sieve Size (mm)</b>  | <b>Passing (%)</b> | <b>Tolerance</b>          |   |
| 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  |  | 120 to 170 Degees C. (Note - 'Warm Mix' parameters are 30 Deg. C less than those stated herein)   |                    |                           |   |
| 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 CfI 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   |  | <small>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.</small> |                    |                           | CPR DoP Electronic Provision No.<br>305/2011    |