**Declaration of Performance**

**DoP/CQ/M7312**

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| 1 | Unique identification of the product-type<br>**M7312**<br>Carnsew Quarry |
| 2 | Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)<br>**Asphaltic Concrete**<br>**AC 14 close surf 100/150 57PSV** |
| 3 | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:<br>**Bituminous Mixtures : Asphaltic Concrete : Surface Course** |
| 4 | Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):<br>**Colas Ltd, Rowfant, Crawley, West Sussex RH10 4NF** |
| 5 | Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):<br>**Not Applicable** |
| 6 | System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:<br>**System 2+** |
| 7 | In case of the declaration of performance concerning a construction product covered by a harmonised standard: Notified factory production control certification body No. 0086 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control number 0086-CPD-590156. |
| 8 | Not Applicable |
| 9 | Declared Performance |

| Essential characteristics | Performance | | Harmonised Technical Specification EN 13108-1: 2006 |
|---|---|---|---|
| 1. Adhesion of binder to aggregate<br>2. Stiffness<br>3. Resistance to permanent deformation<br>4. Resistance to fatigue<br>5. Skid resistance<br>6. Resistance to abrasion<br>7. Reaction to Fire<br>8. Dangerous substances<br>9. Durability<br>10. Noise Absorption | | | |
| 2, 3, 4, 5, 9, 10 | Target grading passing sieve | | EN 12697-1: 2012 |
| | Sieve (mm) | Passing (%) | |
| | 20 | 100 | |
| | 14 | 98 | |
| | 10 | 80 | |
| | 6.3 | 55 | |
| | 2 | 29 | |
| | 1 | 20 | |
| | 0.063 | 6 | |
| 1, 2, 3, 4, 5, 6, 9, 10 | Target binder content (%) | 5.6 | EN 12697-2: 2002 |
| 1, 2, 3, 4, 5, 9, 10 | Minimum void content | NPD | EN 12697-8: 2003 |
| | Maximum void content | NPD | EN 12697-8: 2003 |
| 2, 3, 4, 5, 9, 10 | Maximum Voids filled with Bitumen | NPD | EN 12697-8: 2003 |
| | Minimum Voids filled with Bitumen | NPD | EN 12697-8: 2003 |
| | Minimum Voids in Mineral Aggregate | NPD | EN 12697-8: 2003 |
| 3 | Minimum Marshall Stability | NPD | EN 12697-34: 2012 |
| | Maximum Marshall Stability | NPD | EN 12697-34: 2012 |
| | Minimum Marshall Flow | NPD | EN 12697-34: 2012 |
| | Maximum Marshall Flow | NPD | EN 12697-34: 2012 |
| | Minimum MQ | NPD | EN 12697-34: 2012 |
| | Maximum MQ | NPD | EN 12697-34: 2012 |
| | Resistance to Permananet Deformation | NPD | EN 12697-22: 2003 |
| 1, 9 | Water sensitivity | NPD | EN 12697-12: 2008 |
| 1, 2, 3, 4, 9 | Minimum temperature (°C) | 130 | EN 12697-13: 2000 |
| | Maximum Temperature (°C) | 170 | EN 12697-13: 2000 |
| 2, 9 | Minimum Stiffness | NPD | EN 12697-26: 2012 |
| | Maximum Stiffness | NPD | EN 12697-26: 2012 |
| 3, 9 | Maximum creep rate | NPD | EN 12697-25: 2005 |
| 4, 9 | Resistance to fatigue | NPD | EN 12697-24: 2012 |
| 6, 9 | Resistance to abrasion | NPD | EN 12697-16: 2004 |
| 7, 9 | Reaction to Fire | NPD | EN ISO 11925-2 |
| 8, 9 | Dangerous substances | NPD | As required |
| 9 | Mixture SATS durability index | NPD | EN 12697-45: 2012 |
| 9 | Low temperature property | NPD | EN 12697-46: 2012 |
| 9 | Fracture toughness | NPD | EN 12697-44: 2010 |
| 9 | Resistance to fuel for application on airfields | NPD | EN 12697-43: 2005 |
| 9 | Resistance to de-icing fluids for application on airfields | NPD | EN 12697-41: 2005 |
| 1, 4 | Binder Drainage | NPD | EN 12697-18: 2004 |

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| 10 | The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. |

Signed for and on behalf of the manufacturer by:

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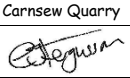
|---|---|---|
| Name & Function | Carl Fergusson | Director - Airports, Asphalt & projects |
| Place & Date of Issue | Carnsew Quarry | 29 August 2014 |
| Signature |  | |