


Declaration of Performance

DoP/CQ/A2105

| | | | |
|----|---|---|---|
| 1 | Unique identification of the product-type A2105 Carnsew Quarry | | |
| 2 | Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) Hot Rolled Asphalt HRA 50/10 reg/bin 100/150 | | |
| 3 | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Bituminous Mixtures : Hot Rolled Asphalt : Regulating/Binder Course | | |
| 4 | Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): 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): 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: 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 13108-4: 2006 |
| | 1. Adhesion of binder to aggregate 2. Stiffness 3. Resistance to permanent deformation 4. Resistance to fatigue 5. Skid resistance 6. Resistance to abrasion 7. Reaction to Fire 8. Dangerous substances 9. Durability 10. Noise Absorption | | |
| | 2, 3, 4, 5, 9, 10 | Target grading passing sieve Sieve (mm) Passing (%) 14 100 10 98 2 40 0.5 19 0.25 14 0.063 5 | EN 12697-1: 2012 |
| | 1, 2, 3, 4, 5, 6, 9, 10 | Target binder content (%) 6.5 | 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 Permanent 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 |
| 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: | | |
| | Name & Function | Carl Fergusson | Director - Airports, Asphalt & projects |
| | Place & Date of Issue | Carnsew Quarry | 07 July 2014 |
| | Signature |  | |