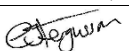


**Declaration of Performance**

**DoP/CQ/M7414**

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| 1  | Unique identification of the product-type<br><br><b>M7414</b><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><br><b>Asphaltic Concrete</b><br><b>AC 10 close surf 160/220</b>                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
| 3  | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:<br><br><b>Bituminous Mixtures : Asphaltic Concrete : Surface Course</b>                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
| 4  | Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):<br><br><b>Colas Ltd, Rowfant, Crawley, West Sussex RH10 4NF</b>                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
| 5  | Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):<br><br><b>Not Applicable</b>                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
| 6  | System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:<br><br><b>System 2+</b>                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
| 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  | <b>Declared Performance</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                      |                                                     |
|    | 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<br>Sieve (mm)                      Passing (%)<br>14                                      100<br>10                                        98<br>6.3                                      67<br>2                                         28<br>1                                         20<br>0.063                                 6 | EN 12697-1: 2012                                    |
|    | 1, 2, 3, 4, 5, 6, 9, 10                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Target binder content (%)                      5.7                                                                                                                                                                                                                                                                                                                   | 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                                                                                                                                                                                                                                                                                                                                                       | 29 August 2014                                      |
|    | Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                   |                                                     |