

Declaration of Performance
DoP/CQ/13043/DUST

1	Unique identification of the product-type DUST Carnsew Quarry																																																																		
2	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) Aggregate 0/4mm																																																																		
3	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Aggregates for Bituminous Mixtures and Surface Treatments for Roads, Airfields and other trafficked areas																																																																		
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 4																																																																		
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9	<table border="1"> <thead> <tr> <th>Essential characteristics</th> <th>Performance</th> <th>Harmonised Technical Specification EN 13043:2013</th> </tr> </thead> <tbody> <tr> <td rowspan="6">1. Particle shape, size and density</td> <td>Aggregate Size</td> <td>0/4mm</td> </tr> <tr> <td>Grading</td> <td>6A85/GTC20</td> </tr> <tr> <td>Shape of Coarse Aggregate</td> <td>NPD</td> </tr> <tr> <td>Particle Density</td> <td>2.67 Mg/m³</td> </tr> <tr> <td>Water Absorption</td> <td>WA242</td> </tr> <tr> <td>Fines Content</td> <td>f16</td> </tr> <tr> <td>2. Cleanliness</td> <td>Fines Quality</td> <td>NPD</td> </tr> <tr> <td>3. Percentage of crushed and broken surfaces</td> <td>Percentage of crushed particles / broken surfaces</td> <td>NPD</td> </tr> <tr> <td>4. Affinity to bituminous binders</td> <td>Affinity to bituminous binders</td> <td>NPD</td> </tr> <tr> <td>5. Resistance to fragmentation/crushing</td> <td>Resistance to fragmentation</td> <td>NPD</td> </tr> <tr> <td rowspan="3">6. Resistance polishing/abrasion/wear/attrition</td> <td>Polished Stone Value</td> <td>PSV95</td> </tr> <tr> <td>Aggregate Abrasion Value</td> <td>NPD</td> </tr> <tr> <td>Resistance to wear of coarse aggregate</td> <td>NPD</td> </tr> <tr> <td>7. Resistance to thermal shock</td> <td>Resistance to thermal shock</td> <td>NPD</td> </tr> <tr> <td rowspan="3">8. Volume stability</td> <td>Dicalcium silicate disintegration of air cooled blast furnace slag</td> <td>NPD</td> </tr> <tr> <td>Iron disintegration of air cooled blast furnace slag</td> <td>NPD</td> </tr> <tr> <td>Volume stability of steel slag</td> <td>NPD</td> </tr> <tr> <td>9. Composition/content</td> <td>Composition / content</td> <td>Granite</td> </tr> <tr> <td rowspan="4">10. Dangerous substances</td> <td>Emission of radioactivity</td> <td>NPD</td> </tr> <tr> <td>Release of heavy metals</td> <td>NPD</td> </tr> <tr> <td>Release of polyaromatic carbons</td> <td>NPD</td> </tr> <tr> <td>Release of other dangerous substances</td> <td>NPD</td> </tr> <tr> <td>11. Durability against freeze-thaw</td> <td>Durability against freeze / thaw</td> <td>NPD</td> </tr> <tr> <td>12. Durability against weathering</td> <td>Durability against weathering</td> <td>NPD</td> </tr> <tr> <td>13. Durability against studded tyres</td> <td>Durability against studded tyres</td> <td>NPD</td> </tr> </tbody> </table>	Essential characteristics	Performance	Harmonised Technical Specification EN 13043:2013	1. Particle shape, size and density	Aggregate Size	0/4mm	Grading	6A85/GTC20	Shape of Coarse Aggregate	NPD	Particle Density	2.67 Mg/m ³	Water Absorption	WA242	Fines Content	f16	2. Cleanliness	Fines Quality	NPD	3. Percentage of crushed and broken surfaces	Percentage of crushed particles / broken surfaces	NPD	4. Affinity to bituminous binders	Affinity to bituminous binders	NPD	5. Resistance to fragmentation/crushing	Resistance to fragmentation	NPD	6. Resistance polishing/abrasion/wear/attrition	Polished Stone Value	PSV95	Aggregate Abrasion Value	NPD	Resistance to wear of coarse aggregate	NPD	7. Resistance to thermal shock	Resistance to thermal shock	NPD	8. Volume stability	Dicalcium silicate disintegration of air cooled blast furnace slag	NPD	Iron disintegration of air cooled blast furnace slag	NPD	Volume stability of steel slag	NPD	9. Composition/content	Composition / content	Granite	10. Dangerous substances	Emission of radioactivity	NPD	Release of heavy metals	NPD	Release of polyaromatic carbons	NPD	Release of other dangerous substances	NPD	11. Durability against freeze-thaw	Durability against freeze / thaw	NPD	12. Durability against weathering	Durability against weathering	NPD	13. Durability against studded tyres	Durability against studded tyres	NPD
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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:																																																																			
Name & Function	Carl Fergusson Director - Airports, Asphalt & projects																																																																		
Place & Date of Issue	Carnsew Quarry 08 July 2014																																																																		
Signature																																																																			