

**Declaration of Performance**

**DoP/CQ/M6519**

1	Unique identification of the product-type <b>M6519</b> Carnsew Quarry	
2	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) <b>Asphaltic Concrete</b> <b>AC 20 HDM/dense bin 40/60 des</b>	
3	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: <b>Bituminous Mixtures : Asphaltic Concrete : Binder Course</b>	
4	Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): <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): <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: <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	Declared Performance	Harmonised Technical Specification EN 13108-2: 2006
	Essential characteristics	Performance
		Target grading passing sieve
		Sieve (mm)
		Passing (%)
		31.5
		100
		20
		95
		14
		80
		6.3
		50
		2
		32
		0.25
		13
		0.063
		8
	Target binder content (%)	4.3
	Minimum void content	Vmin0.5
	Maximum void content	Vmax7
	Maximum Voids filled with Bitumen	NPD
	Minimum Voids filled with Bitumen	NPD
	Minimum Voids in Mineral Aggregate	NPD
	Minimum Marshall Stability	NPD
	Maximum Marshall Stability	NPD
	Minimum Marshall Flow	NPD
	Maximum Marshall Flow	NPD
	Minimum MQ	NPD
	Maximum MQ	NPD
	Resistance to Permanent Deformation	WTSair1.0
	Water sensitivity	NPD
	Minimum temperature (°C)	150
	Maximum Temperature (°C)	190
	Minimum Stiffness	Smin1800
	Maximum Stiffness	NPD
	Maximum creep rate	NPD
	Resistance to fatigue	NPD
	Resistance to abrasion	NPD
	Reaction to Fire	NPD
	Dangerous substances	NPD
	Mixture SATS durability index	MDImin90
	Low temperature property	NPD
	Fracture toughness	NPD
	Resistance to fuel for application on airfields	NPD
	Resistance to de-icing fluids for application on airfields	NPD
	Binder Drainage	NPD
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	Stewart Struthers Deputy CEO & Director - Products & Processes
	Place & Date of Issue	Carnsew Quarry 09 April 2018
	Signature	