Declaration of Performance

		DoP/CQ/M5204			
1	Unique identification of the product-type				
	M5204				
	Carnsew Quarry				
2	Type, batch or serial number o	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)			
	Asphaltic Concrete				
	AC 32 HDM base 40/60 rec				
3	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the				
	manufacturer:				
	Bituminous Mixtures : Asphaltic Concrete : Base				
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:				
ľ	7-7				
	Control 2				
_		System 2+		LN CC IC . LC	
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				
L.	production control number 0086-CPD-590156.				
8	Not Applicable				
9	Declared Performance				
	Essential characteristics	Performance		Harmonised Technical Specification EN 13108-1: 2006	
	Adhesion of binder to aggregate				
	2. Stiffness				
	3. Resistance to permanent deformation				
	Resistance to fatigue 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		EN 12697-1: 2012	
		Sieve (mm)	Passing (%)		
		40	100		
		31,5 20	99 81		
		6,3	52		
		2	32		
		0.25 0.063	14 8		
	1, 2, 3, 4, 5, 6, 9, 10	Target binder content (%)	4	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 Minimum Voids filled with Bitumen	NPD NPD	EN 12697-8: 2003 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	NPb	EN 12697-34: 2012	
		Minimum Marshall Flow Maximum Marshall Flow	NPD NPD	EN 12697-34: 2012 EN 12697-34: 2012	
		Minimum MQ	NPD	EN 12697-34: 2012	
		Maximum MQ	NPb	EN 12697-34: 2012	
		Resistance to Permananet Deformation	NPD	EN 12697-22: 2003	
	1, 2, 3, 4, 9	Water sensitivity Minimum temperature (°C)	NPD 150	EN 12697-12: 2008 EN 12697-13: 2000	
	1, 2, 3, 1, 3	Maximum Temperature (°C)	190	EN 12697-13: 2000	
	2, 9	Minimum Stiffness	NPD	EN 12697-26: 2012	
		Maximum Stiffness	NPD	EN 12697-26: 2012	
	3, 9 4. 9	Maximum creep rate Resistance to fatigue	NPD NPD	EN 12697-25: 2005 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 Low temperature property	NPD NPD	EN 12697-45: 2012 EN 12697-46: 2012	
	9	Fracture toughness	NPD	EN 12697-44: 2010	
	9	Resistance to fuel for application on airfields	NPb	EN 12697-43: 2005	
	9	Resistance to de-icing fluids for application on airfields	NPD	EN 12697-41: 2005	
10	1, 4 The performance of the product id	Binder Drainage	NPD declared performance	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	Categur			