## Declaration of Performance

DoP/CQ/M6102

1	Jnique identification of the product-type				
	M6102				
	Carnsew Quarry				
2	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)				
		Asphaltic Concrete			
		•			
_	7	AC 20 open bin 160/220			
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 : 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					
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			
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				
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9	Declared Performance				
	Essential characteristics	Performance		Harmonised Technical Specification EN 13108-1: 2006	
	Adhesion of binder to aggregate	1		13100-1- 2000	
	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	*		FN 12697-1: 2012	
	2, 3, 4, 5, 9, 10	Target grading passing sieve Sieve (mm)	Passing (%)	EN 12697-1: 2012	
		31.5	Passing (%)		
		20	95		
		14	64		
		6,3	26		
		2	15		
		0,063	5		
	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 NPD	EN 12697-8: 2003	
	3	Minimum Voids in Mineral Aggregate  Minimum Marshall Stability	NPD NPD	EN 12697-8: 2003 EN 12697-34: 2012	
	-	Maximum Marshall Stability	NPD	EN 12697-34: 2012	
		Minimum Marshall Flow	NPD	EN 12697-34: 2012	
		Maximum Marshall Flow	NPb	EN 12697-34: 2012	
		Minimum MQ	NPD	EN 12697-34: 2012	
		Maximum MQ	NPD	EN 12697-34: 2012	
		Resistance to Permananet Deformation	NPD	EN 12697-22: 2003	
	1,9	Water sensitivity	NPD	EN 12697-12: 2008	
	1, 2, 3, 4, 9	Minimum temperature (°C)  Maximum Temperature (°C)	130 170	EN 12697-13: 2000 EN 12697-13: 2000	
	2,9	Maximum Temperature (°C) Minimum Stiffness	170 NPD	EN 12697-13: 2000 EN 12697-26: 2012	
	E, *	Maximum Stiffness  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	NPb	EN ISO 11925-2	
	8,9	Dangerous substances	NPD	As required	
	9	Mixture SATS durability index	NPD	EN 12697-45: 2012 EN 12697-46: 2012	
	0	Low temperature property	NPD NPD	EN 12697-46: 2012 EN 12697-44: 2010	
	9	Fracture toughness  Desistance to fuel for application on airfields	NPD NPD	EN 12697-44: 2010 EN 12697-43: 2005	
	9	Resistance to fuel for application on airfields 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:				
	ame & Function Carl Fergusson Director - Airports, Asphalt & projects				
	Place & Date of Issue	Carnsew Quarry	07 July 2014		
		_	o, 64, 1017		
	Signature	Degwan			