Declaration of Performance

		DoP/CQ/51015		
1	Unique identification of the product-type			
	S1015			
	Carnsew Quarry			
2	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)			
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	Stone Mastic Asphalt			
	SMA 10 surf 100/150 RED			
3	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the			
	manufacturer:			
	Bituminous Mixtures : Stone Mastic Asphalt : Surface 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 Where applicable, name and contact address of the authorised representative whose mendate covers the tasks specified in Article 12(2):			
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+		
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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			
-	Essential characteristics	Performance		Harmonised Technical Specification EN
				13108-5: 2006
	1. Adhesion of binder to aggregate			
	2. Stiffness			
	3. Resistance to permanent deformation			
	4. Resistance to fatigue			
	Skid resistance 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 (%)	
		14 10	100 93	
		6.3	38	
		2	22	
		0.063	10	
	1, 2, 3, 4, 5, 6, 9, 10	Target binder content (%)	6.5	EN 12697-2: 2002
	1, 2, 3, 4, 5, 9, 10	Minimum void content	Vmin1.5	EN 12697-8: 2003
	2, 3, 4, 5, 9, 10	Maximum void content Maximum Voids filled with Bitumen	Vmax5 NPD	EN 12697-8: 2003 EN 12697-8: 2003
	2, 3, 4, 5, 9, 10	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 Maximum MQ	NPD NPD	EN 12697-34: 2012 EN 12697-34: 2012
		Maximum MQ Resistance to Permananet Deformation	NPD	EN 12697-34: 2012 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 4. 9	Maximum creep rate	NPD	EN 12697-25: 2005
	6,9	Resistance to fatigue Resistance to abrasion	NPD NPD	EN 12697-24: 2012 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
	1, 4	Resistance to de-icing fluids for application on airfields Binder Drainage	NPD D0.3	EN 12697-41: 2005 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	Stewart Struthers	Deputy CEO & Dire	ector - Products & Processes
	lace & Date of Issue Carnsew Quarry 04 April 2016			
	Signature	31300		