

Declaration of Performance

DoP/CQ/S1005

1	Unique identification of the product-type S1005 Carnsew Quarry		
2	Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) Stone Mastic Asphalt SMA 10 surf 40/60 PSV65		
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		
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	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 (%)
		14	100
		10	95
		6.3	42
		2	24
		0.063	9
		Target binder content (%)	6.4
		Minimum void content	Vmin1.5
		Maximum void content	Vmax5
		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	NPD
		Water sensitivity	NPD
		Minimum temperature (°C)	160
		Maximum Temperature (°C)	200
		Minimum Stiffness	NPD
		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	NPD	
	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	DO.3	
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 26 July 2018	
	Signature		