## Declaration of Performance

Unique i		DoP/CQ/M7312		
	identification of the produc	ct-type		
		M7312		
		Carnsew Quarry		
Ту	pe, batch or serial number	or any other element allowing identification of the	construction product	as required under Article 11(4)
		Asphaltic Concrete		
		AC 14 close surf 100/150 57	7PSV	
Intend	ntended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the			
	ended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as toreseen by the ufacturer:			
manujac				
		Bituminous Mixtures : Asphaltic Concrete	: Surface Course	
Name, r	registered trade name or re	egistered trade mark and contact address of the n	manufacturer as requir	ed under Article 11(5):
	Colas Ltd, Rowfant, Crawley, West Sussex RH10 4NF			
Where	applicable name and contac	at address of the authorised representative whose		asks specified in Article 12(2):
WHELE	applicable, hame and confac	. address of the dumorised representative whose	e mandare covers me i	usks specified in Al Ticle 12(2).
		Not Applicable		
System	or systems of assessment	and verification of constancy of performance of t	he construction produc	ct as set out in CPR, Annex V:
		System 2+		
In case	of the declaration of perfe	•	d by a harmonised stan	idard: Notified factory producti
	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			
product	tion control number 0086-C	PD-590156.		
Not App	plicable			
Declare	ed Performance			
	characteristics	Performance		Harmonised Technical Specification
				13108-1: 2006
	on of binder to aggregate			
2. Stiffne				
	ance to permanent deformation			
5. Skid re	ance to fatigue			
	ance to abrasion			
7. Reactio				
8. Danger	rous substances			
9. Durabil	lity			
10. Noise	Absorption			
2, 3, 4, 5,	, 9, 10	Target grading passing sieve		EN 12697-1: 2012
		Sieve (mm)	Passing (%)	
		20	100	
		14 10	98 80	
		6.3	55	
		2	29	
		1	20	
		0.063	6	
	5, 6, 9, 10	Target binder content (%)	5.6	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		
1	, , , 10		NPD	EN 12697-8: 2003
	, , , , ,	Minimum Voids filled with Bitumen	NPD	EN 12697-8: 2003
3	, , , , , ,	Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate	NPD NPD	EN 12697-8: 2003 EN 12697-8: 2003
3		Minimum Voids filled with Bitumen	NPD	EN 12697-8: 2003
3		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability	NPD NPD NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012
3		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability	NPD NPD NPD NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-34: 2012 EN 12697-34: 2012 EN 12697-34: 2012
3		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Maximum Marshall Flow Minimum Marshall Flow	NPD NPD NPD NPD NPD NPD NPD NPD NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-34: 2012 EN 12697-34: 2012 EN 12697-34: 2012 EN 12697-34: 2012
3		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Maximum Marshall Flow Minimum Marshall Flow Minimum May Maximum MAQ	NPD NPD NPD NPD NPD NPD NPD NPD NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012
		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Maximum Marshall Flow Minimum Marshall Flow Minimum May Maximum MQ Resistance to Permananet Deformation	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012
1, 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Maximum Marshall Flow Minimum Marshall Flow Minimum MQ Meximum MQ Resistance to Permananet Deformation Water sensitivity	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-32: 2003 EN 12697-12: 2008
		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Maximum Marshall Flow Maximum Marshall Flow Minimum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C)	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-32: 2003 EN 12697-13: 2008 EN 12697-13: 2000
1, 9 1, 2, 3, 4,		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Maximum Marshall Flow Minimum MQ Minimum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C)	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000
1, 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Maximum Marshall Flow Maximum Marshall Flow Minimum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C)	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-32: 2003 EN 12697-13: 2008 EN 12697-13: 2000
1, 9 1, 2, 3, 4,		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Temperature (°C) Minimum Stiffness	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-13: 2000
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-36: 2012 EN 12697-13: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-16: 2012 EN 12697-26: 2005 EN 12697-24: 2012
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Tereperature Resistance to fatigue Resistance to abrasion	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-16: 2000 EN 12697-26: 2012
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum creep rate Resistance to fatigue Resistance to abrasion Reaction to Fire	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-16: 2012 EN 12697-26: 2005 EN 12697-26: 2005 EN 12697-26: 2004 EN 150 11925-2
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum creep rate Resistance to abrasion Reaction to Fire Dangerous substances	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-26: 2012 EN 12697-26: 2005 EN 12697-26: 2005 EN 12697-16: 2004 EN 150 11925-2 As required
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum creep rate Resistance to fatigue Resistance to abrasion Reaction to Fire Dangerous substances Mixture SATS durability index	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-16: 2012 EN 12697-26: 2012 EN 12697-26: 2012 EN 12697-26: 2012 EN 12697-26: 2012 EN 12697-16: 2005 EN 12697-16: 2004 EN 12697-16: 2004 EN 150 11925-2 As required EN 12697-45: 2012
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum creep rate Resistance to fatigue Resistance to abrasion Reaction to Fire Dangerous substances Mixture SATS durability index Low temperature property	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-13: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-26: 2012
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Minimum Stiffness Maximum Creep rate Resistance to fatigue Resistance to fatigue Resistance to abrasion Reaction to Fire Dangerous substances Mixture SATS durability index Low temperature property Fracture toughness	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-26: 2012 EN 12697-46: 2012 EN 12697-46: 2012 EN 12697-46: 2012 EN 12697-46: 2012
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum creep rate Resistance to fatigue Resistance to abrasion Reaction to Fire Dangerous substances Mixture SATS durability index Low temperature property	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-13: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-26: 2012
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9 9		Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Maximum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum Stiffness Maximum Creep rate Resistance to fatigue Resistance to abrasion Reaction to Fire Dangerous substances Mixture SATS durability index Low temperature toughness Resistance to fuel for application on airfields	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-16: 2012 EN 12697-26: 2012 EN 12697-46: 2010 EN 12697-44: 2010 EN 12697-43: 2005
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9 9 9 9 1, 4 The per	9 Formance of the product ic	Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum Stiffness Maximum Fithess Maximum Fithess Minimum Stiffness Minimum Stiffness Minimum Stiffness Minimum Stiffness Minimum Stiffness Maximum Stiffness Minimum Stiffness Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum Stiffness Maximum Stiffness Resistance to abrasion Reaction to Fire Dangerous substances Mixture SATS durability index Low temperature property Fracture toughness Resistance to fuel for application on airfields Resistance to de-icing fluids for application on airfields	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-16: 2012 EN 12697-26: 2012 EN 12697-43: 2004 EN 12697-43: 2012 EN 12697-44: 2010 EN 12697-43: 2005 EN 12697-41: 2005 EN 12697-18: 2004
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9 9 9 9 9 9 1, 4 The per	9 Formance of the product ic	Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum Stiffness Maximum Stiffness Minimum Stiffness Minimum Stiffness Minimum Stiffness Minimum Stiffness Maximum Stiffness Maximum Stiffness Minimum Stiffness Minimum Stiffness Resistance to fatigue Resistance to abrasion Reaction to Fire Dangerous substances Mixture SATS durability index Low temperature property Fracture toughness Resistance to fuel for application on airfields Resistance to de-icing fluids for application on airfields Binder Drainage dentified in points 1 and 2 is in conformity with the responsibility of the manufacturer identified in	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-16: 2012 EN 12697-26: 2012 EN 12697-43: 2004 EN 12697-43: 2012 EN 12697-44: 2010 EN 12697-43: 2005 EN 12697-41: 2005 EN 12697-18: 2004
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9 9 9 9 9 9 1, 4 The per perform	9  rformance of the product ic nance is issued under the so	Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum Mag Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Minimum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Creep rate Resistance to fatigue Resistance to fully fine Reaction to Fire Dangerous substances Mixture SATS durability index Low temperature property Fracture toughness Resistance to de-icing fluids for application on airfields Resistance to de-icing fluids for application on airfields Binder Drainage dentified in points 1 and 2 is in conformity with the ole responsibility of the manufacturer identified in	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-32: 2003 EN 12697-12: 2008 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-16: 2000 EN 12697-16: 2012 EN 12697-26: 2012 EN 12697-46: 2012 EN 12697-46: 2012 EN 12697-46: 2012 EN 12697-48: 2005 EN 12697-41: 2005 EN 12697-18: 2004 e in point 9. This declaration of
1, 9 1, 2, 3, 4, 2, 9 3, 9 4, 9 6, 9 7, 9 8, 9 9 9 1, 4 0 The per perform Signed Name &	9  rformance of the product in nance is issued under the so	Minimum Voids filled with Bitumen Minimum Voids in Mineral Aggregate Minimum Marshall Stability Maximum Marshall Stability Minimum Marshall Flow Minimum Marshall Flow Minimum Marshall Flow Minimum MQ Maximum MQ Resistance to Permananet Deformation Water sensitivity Minimum temperature (°C) Maximum Temperature (°C) Minimum Stiffness Maximum Stiffness Maximum Stiffness Maximum Stiffness Maximum Stiffness Minimum Stiffness Minimum Stiffness Minimum Stiffness Minimum Stiffness Maximum Stiffness Maximum Stiffness Minimum Stiffness Minimum Stiffness Resistance to fatigue Resistance to abrasion Reaction to Fire Dangerous substances Mixture SATS durability index Low temperature property Fracture toughness Resistance to fuel for application on airfields Resistance to de-icing fluids for application on airfields Binder Drainage dentified in points 1 and 2 is in conformity with the responsibility of the manufacturer identified in	NPD	EN 12697-8: 2003 EN 12697-8: 2003 EN 12697-34: 2012 EN 12697-12: 2003 EN 12697-12: 2008 EN 12697-13: 2000 EN 12697-13: 2000 EN 12697-16: 2012 EN 12697-26: 2012 EN 12697-43: 2004 EN 12697-43: 2012 EN 12697-44: 2010 EN 12697-43: 2005 EN 12697-41: 2005 EN 12697-18: 2004