

Declaration of Performance (DOP):**IS EN 13108-1 2006 Asphalt Concrete
DOP AL 199****1. Unique identification code of the product-type**
Material AC 10 DURAPATCH SURF MB

Product Code 133010397

2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer: Asphalt Concrete**3 Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):**
Roadstone Ltd, Fortunestown, Dublin 24**4. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:** System 2+**5. Notified certification body:**

NSAI (identification No. 050) 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 constancy of conformity of the factory production control

Location	FPC cert no.					
Allen	0050-CPD-0038					

6. Declared performance

Parameter	Declared Performance	Test Method Used	Essential Characteristics
Binder Content	Bmin 4.4%	EN 12697-1 or 39	Adhesion of binder to aggregate
			Stiffness
			Resistance to permanent deformation
			Resistance to fatigue
			Skid resistance
			Resistance to abrasion
			Durability.
Void Content	Vmin 3.0% Vmax NR	EN 12697-8	Adhesion of binder to aggregate
			Stiffness
			Resistance to permanent deformation
			Resistance to fatigue
			Skid resistance
			Durability.
			Max. Temperature of the mix (°C)
Stiffness			
Resistance to permanent deformation			
Resistance to fatigue			
Durability			

*Determined on lab prepared and compacted specimens

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of Roadstone Ltd.

Signed for and on behalf of the manufacturer by:

Alan Lowe, Senior Technical Manager, Roadstone Ltd
17/01/2024
Rev.3

NSAI Ref
0050-CPD-0038
TT AL 199
Product Code 133010397
IS EN 13108-5, SR 28 & TII SRW
Asphalt Concrete
AC 10 DURAPATCH SURF MB
Manufacturing Plant:
Allen

1. Constituents

Constituents	Type	Source
Coarse Aggregates	Basalt	Allen
Fine Aggregates	Basalt	Allen
Filler	Limestone	Killough
Bitumen	0	Irish Tar/Shell

2. Mix Formulation

Sieve size (mm)	Target Composition % Passing	FPC Tolerance %	Specification % Passing
14	100	-2	98-100
10	95	-8+5	87-100
6.3	53	±7	46-60
2	16	±6	10-22
0.063	5	±2.0	3-7

Apparent Aggregate Density (Mg/m ³)	2.715
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3. Test Results

Property	Results	TII Limits	Test Method
Binder Content	Bmin 4.4%	0	EN 12697-1
	(B 4.3%)	(±0.5%)	
Void Content	6.8%	Vmin 3.0% Vmax NR	EN 12697-8
Max. Temperature of the mix (°C)	100		EN 12697-13

Specimens were prepared in accordance with I.S. EN 13108-20 Section 6.5.2 Laboratory validation

Date of issue 17/01/2024
Rev.3



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FPC Cert Ref 0050-CPD-0038
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CE AL 199
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Asphalt Concrete
Manufacturing Plant:
Allen

General and Empirical

Parameter		Values	
Grading % Passing		Sieve size (mm)	Target Composition % passing
	1.4D	14	100
	D	10	95
	D/2	6.3	53
	2	2	16
	0.063	0.063	5

Design Properties	Category	Test Method
Binder Content (Bmin)	Bmin 4.4%	EN 12697-1
Void Content	Vmin 3.0% Vmax NR	EN12697-8
Max. Temperature of the mix (°C)	100	EN 12697-13

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