

Declaration of Performance

DOP/BA/7001-8078

AC 32 Dense Base 40/60 rec Ballinascorney Quarry, Brittas, Co Dublin

- 1. Unique Identification code of the product - type:** Code 7001-8078 / AC 32 Dense Base 40/60 rec
- 2. Intened use/es:** For surface courses, binder courses, regulating courses and bases of roads, and other trafficked areas, whether subject or not to reaction to fire regulations.
- 3. Manufacturer:** Kilsaran Concrete, Piercetown, Dunboyne Co. Meath
- 4. Authorised Representative:** N/A
- 5. System of AVCP:** System 2+
- 6a. Harmonised Standard:** I.S. EN 13108-1:2006 & S.R. 28 **Notified Body:** NSAI (0050-CPR-044)
- 7. Declared Performance/s**

Characteristic	Declared Performance		Harmonised Technical Specification
Binder content:	Declared Value	B _{act} 4.0	EN 12697-39
	Category	B _{min} 4.2	
Grading (% passing)	1.4D	Values 40mm 100	EN 12697-2
	D	31.5mm 99	
	Characteristic coarse	20mm 84	
	2	2mm 30	
	Characteristic fine	0.250mm 11	
	0,063	0.063mm 6.0	
Temperature of the mixture	Threshold Values	150°C to 190°C	EN 12697-13
Void content:			EN 12697-8
-Maximum / Minimum	Category	NPD	
Voids filled with Bitumen:			
-Maximum / Minimum	Category	NPD	
Voids in mineral aggregate	Category	NPD	
Water sensitivity	Category	NPD	EN 12697-12
Resistance to abrasion by studded tyres	Category	NPD	EN 12697-16
Reaction to fire	Euroclass	NPD	EN 13501-1
Resistance to permanent deformation	Category	NPD	EN 12697-22
Stiffness	Category	NPD	EN 12697-26
Marshall Values	Category	NPD	EN 12697-34
Resistance to fatigue	Category	NPD	EN 12697-24
Resistance to fuel	Category	NPD	EN 12697-43
Resistance to de-icing fluid	Category	NPD	EN 12697-41
Dangerous substances	Declared Value	NPD	EN 13108-1 Annex ZA.3

8. N/A

<http://www.kilsaran.ie/build/technical-downloads/>

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Thomas Little at Piercetown, Dunboyne, Co Meath on 18 November 2015





0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
15
0050-CPR-044

I.S. EN 13108-1

Asphalt Concrete for roads and trafficked areas

AC 32 Dense Base 40/60 rec
Ballinascorney Quarry, Brittas, Co Dublin
BA/7001-8078

Void content:			
-Maximum / Minimum	Category		NPD
Voids filled with bitumen			
-Maximum / Minimum	Category		NPD
Voids in mineral aggregate	Category		NPD
Water sensitivity	Category		NPD
Resistance to abrasion by studded tyres	Category		NPD
Reaction to fire	Euroclasses		NPD
Resistance to fuel	Category		NPD
Resistance to de-icing fluid	Category		NPD
Temperature of the mixture	Threshold Values		150°C to 190°C
Grading (% passing)	Values	40mm	100
		31.5mm	99
		20mm	84
		2mm	30
		0.250mm	11
		0.063mm	6.0
Binder content:	Declared Value		B _{act} 4.0
	Category		B _{min} 4.2
Marshall values			
Marshall stability	Category		NPD
Marshall flow	Category		NPD
Marshall quotient	Category		NPD
Resistance to permanent deformation	Category		NPD
Stiffness			
-Minimum	Category		NPD
-Maximum	Category		NPD
Resistance to fatigue	Category		NPD
Dangerous substances	Declared Value		NPD