

## Declaration of Performance

DOP/BA/8291-8170

### AC 32 Dense Base 70/100 des Ballinascorney Quarry, Brittas, Co Dublin

- 1. Unique Identification code of the product - type:** Code 8291-8170 / AC 32 Dense Base 70/100 des
- 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
<b>Binder content:</b>	Declared Value	$B_{act} 3.8$	EN 12697-39
	Category	$B_{min} 4.0$	
<b>Grading (% passing)</b>	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	
<b>Temperature of the mixture</b>	Threshold Values	140°C to 180°C	EN 12697-13
<b>Void content:</b>			EN 12697-8
-Maximum / Minimum	Category	$V_{MAX7} / V_{MIN} 0.5$	
<b>Voids filled with Bitumen:</b>			
-Maximum / Minimum	Category	NPD	
<b>Voids in mineral aggregate</b>	Category	NPD	
<b>Water sensitivity</b>	Category	NPD	EN 12697-12
<b>Resistance to abrasion by studded tyres</b>	Category	NPD	EN 12697-16
<b>Reaction to fire</b>	Euroclass	NPD	EN 13501-1
<b>Resistance to permanent deformation</b>	Category	$WTS_{AIR} 1.00 / PRD_{AIR} 9.0$	EN 12697-22
<b>Stiffness</b>	Category	$S_{min1.800}$	EN 12697-26
<b>Marshall Values</b>	Category	NPD	EN 12697-34
<b>Resistance to fatigue</b>	Category	NPD	EN 12697-24
<b>Resistance to fuel</b>	Category	NPD	EN 12697-43
<b>Resistance to de-icing fluid</b>	Category	NPD	EN 12697-41
<b>Dangerous substances</b>	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 70/100 des**  
Ballinascorney Quarry, Brittas, Co Dublin  
BA/8291-8170

<b>Void content:</b>			
-Maximum / Minimum	Category	$V_{MAX7} / V_{MIN 0.5}$	
<b>Void filled with bitumen</b>			
-Maximum / Minimum	Category	NPD	
<b>Void in mineral aggregate</b>	Category	NPD	
<b>Water sensitivity</b>	Category	NPD	
<b>Resistance to abrasion by studded tyres</b>	Category	NPD	
<b>Reaction to fire</b>	Euroclasses	NPD	
<b>Resistance to fuel</b>	Category	NPD	
<b>Resistance to de-icing fluid</b>	Category	NPD	
<b>Temperature of the mixture</b>	Threshold Values	140°C to 180°C	
<b>Grading</b> (% passing)	Values	40mm	100
		31.5mm	99
		20mm	84
		2mm	30
		0.250mm	11
		0.063mm	6.0
<b>Binder content:</b>	Declared Value	$B_{act} 3.8$	
	Category	$B_{min} 4.0$	
<b>Marshall values</b>			
Marshall stability	Category	NPD	
Marshall flow	Category	NPD	
Marshall quotient	Category	NPD	
<b>Resistance to permanent deformation</b>	Category	$WTS_{AIR 1.00} / PRD_{AIR 9.0}$	
<b>Stiffness</b>			
-Minimum	Category	$S_{min1 800}$	
-Maximum	Category	NPD	
<b>Resistance to fatigue</b>	Category	NPD	
<b>Dangerous substances</b>	Declared Value	NPD	