

Declaration of Performance

DOP/BC/8273-8276

AC 20 Dense Bin 70/100 des Ballinclare, Kilbride, Co Wicklow

- 1. Unique Identification code of the product - type:** Code 8273-8276 / AC 20 Dense Bin 70/100 des
- 2. Intended 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-0373)
- 7. Declared Performance/s**

Characteristic	Declared Performance		Harmonised Technical Specification
Binder content:	Declared Value	$B_{act} 4.4$	EN 12697-39
	Category	$B_{min} 4.8$	
Grading (% passing) 1.4D	Values	31.5mm 100	EN 12697-2
D		20mm 98	
Characteristic coarse		10mm 63	
2		2mm 30	
Characteristic fine		0.250mm 11	
0,063		0.063mm 6.0	
Temperature of the mixture	Threshold Values	140°C to 180°C	EN 12697-13
Void content:			EN 12697-8
-Maximum / Minimum	Category	$V_{MAX7} / V_{MIN} 0.5$	
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	$S_{min1.800}$	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 2 December 2015



		
0050		
Kilsaran Concrete Piercetown, Dunboyne Co. Meath 15 0050-CPR-0373		
I.S. EN 13108-1		
Asphalt Concrete for roads and trafficked areas		
AC 20 Dense Bin 70/100 des Ballinclare, Kilbride, Co Wicklow BC/8273-8276		
Void content:		
-Maximum / Minimum	Category	$V_{MAX7} / V_{MIN 0.5}$
Void filled with bitumen		
-Maximum / Minimum	Category	NPD
Void 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	140°C to 180°C
Grading (% passing)	Values	
	31.5mm	100
	20mm	98
	10mm	63
	2mm	30
	0.250mm	11
	0.063mm	6.0
Binder content:	Declared Value	$B_{act} 4.4$
	Category	$B_{min} 4.8$
Marshall values		
Marshall stability	Category	NPD
Marshall flow	Category	NPD
Marshall quotient	Category	NPD
Resistance to permanent deformation	Category	NPD
Stiffness		
-Minimum	Category	$S_{min1 800}$
-Maximum	Category	NPD
Resistance to fatigue	Category	NPD
Dangerous substances	Declared Value	NPD