

Declaration of Performance

DOP/BT/8227-8150

AC 20 Dense Bin 70/100 des Bunaterin, Tullamore, Co Offaly

- 1. Unique Identification code of the product - type:** Code 8227-8150 / AC 20 Dense Bin 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-043)
- 7. Declared Performance/s**

Characteristic	Declared Performance		Harmonised Technical Specification
Binder content:	Declared Value	$B_{act} 4.5$	EN 12697-39
	Category	$B_{min} 4.6$	
Grading (% passing)	1.4D	Values 31.5mm 100	EN 12697-2
	D	20mm 99	
	Characteristic coarse	10mm 66	
	2	2mm 30	
	Characteristic fine	0.250mm 12	
	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 24 November 2015





0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
15
0050-CPR-043

I.S. EN 13108-1

Asphalt Concrete for roads and trafficked areas

AC 20 Dense Bin 70/100 des

Bunaterin, Tullamore, Co Offaly

BT/8227-8150

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	99
	10mm	66
	2mm	30
	0.250mm	12
	0.063mm	6.0

Binder content:

Declared Value $B_{act 4.5}$

Category $B_{min 4.6}$

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