

## Declaration of Performance

**DOP/BT/7505-8141**

### AC 20 Open Bin 70/100 rec Bunaterin, Tullamore, Co Offaly

- 1. Unique Identification code of the product - type:** Code 7505-8141 / AC 20 Open Bin 70/100 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-043)
- 7. Declared Performance/s**

Characteristic	Declared Performance		Harmonised Technical Specification
<b>Binder content:</b>	Declared Value	B <sub>act</sub> 3.8	EN 12697-39
	Category	B <sub>min</sub> 3.8	
<b>Grading (% passing)</b>	1.4D	Values 31.5mm 100	EN 12697-2
	D	20mm 100	
	Characteristic coarse	14mm 70	
	2	2mm 14	
	0,063	0.063mm 4.0	
<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	NPD	
<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	NPD	EN 12697-22
<b>Stiffness</b>	Category	NPD	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 24 November 2015**



<b>CE</b>		
<b>0050</b>		
Kilsaran Concrete Piercetown, Dunboyne Co. Meath 15 0050-CPR-043		
<b>I.S. EN 13108-1</b>		
<b>Asphalt Concrete for roads and trafficked areas</b>		
<b>AC 20 Open Bin 70/100 rec</b> Bunaterin, Tullamore, Co Offaly BT/7505-8141		
<b>Void content:</b>		
-Maximum / Minimum	Category	NPD
<b>Voids filled with bitumen</b>		
-Maximum / Minimum	Category	NPD
<b>Voids 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	
	31.5mm	100
	20mm	100
	14mm	70
	2mm	14
	0.063mm	4.0
<b>Binder content:</b>	Declared Value	B <sub>act</sub> 3.8
	Category	B <sub>min</sub> 3.8
<b>Marshall values</b>		
Marshall stability	Category	NPD
Marshall flow	Category	NPD
Marshall quotient	Category	NPD
<b>Resistance to permanent deformation</b>	Category	NPD
<b>Stiffness</b>		
-Minimum	Category	NPD
-Maximum	Category	NPD
<b>Resistance to fatigue</b>	Category	NPD
<b>Dangerous substances</b>	Declared Value	NPD