

## Declaration of Performance

DOP/BC/8234-8241

### AC 32 HDM Base 40/60 rec Ballinclare, Kilbride, Co Wicklow

- 1. Unique Identification code of the product - type:** Code 8234-8241 / AC 32 HDM Base 40/60 rec
- 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
<b>Binder content:</b>	Declared Value	B <sub>act</sub> 4.0	EN 12697-39
	Category	B <sub>min</sub> 4.2	
<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 9.0	
<b>Temperature of the mixture</b>	Threshold Values	150°C to 190°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 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 32 HDM Base 40/60 rec Ballinclare, Kilbride, Co Wicklow BC/8234-8241		
<b>Void content:</b>		
-Maximum / Minimum	Category	NPD
<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	150°C to 190°C
<b>Grading</b> (% passing)	Values	
	40mm	100
	31.5mm	99
	20mm	84
	2mm	30
	0.250mm	11
	0.063mm	9.0
<b>Binder content:</b>	Declared Value	B <sub>act</sub> 4.0
	Category	B <sub>min</sub> 4.2
<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