

## Declaration of Performance

**AC 20 Dense Binder HDM 40/60 rec / Rathangan Quarry Co Kildare.**

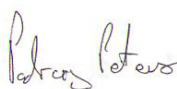
1. Unique **Identification code of the product – type:** MCBC07
2. **Intended use/es:** For surface courses, binder courses, regulating courses and bases of roads, and other trafficked areas, whether subject or not to reaction to fire regulations.
3. **Manufacturer:** Arkil Ltd Drennenstown Rathangan Co Kildare
4. **Authorised Representative** N/A
5. **System of AVCP:** System 2+
6. **Harmonised Standard:** I.S EN 13108-1:2006 & S.R. 28    **Notified Body :** NSAI (0050-CPR-041)
7. Declared Performance/s

Characteristic	Declared Performance	Harmonised Technical Specification
<b>Binder Content</b>	Declared Value    Bact 4.7	EN 12697-39
	Category            Bmin 4.8	
Grading (% passing)    1.4D	Values            31.5 = 100	EN 12697-2
D	20mm = 100	
Characteristic coarse	6.3mm = 47	
2	2mm = 32	
Characteristic fine	250micron = 13	
0.063	.063micron = 9	
Temperature of the Mixture	140-180 oc	EN 12697-13
Void content:		EN 12697-8
-Maximum/Minimum	Category            NPD	
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	Category            NPD	EN 13501-1
Resistance to permanent deformation	Category            NPD	EN 12697-22
Stiffness	Category            NPD	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

The performance of the product identified above is in conformity with the set of declared performance. 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 behalf of the manufacturer by:



Pdraig Peters at Rathangan Co Kildare on 18/07/2018





0050

Arkil Ltd  
Drennenstown Rathangan Co.Kildare

0050-CPR-041

I.S EN 13108-1  
Asphalt Concrete for roads and trafficked areas

**Ac 20 Dense Binder HDM 40/60 rec**  
Drennenstown Rathangan Co.Kildare

Characteristic	Declared Performance	Harmonised Technical Specification
<b>Binder Content</b>	Declared Value Bact 4.3	EN 12697-39
	Category Bmin	
Grading (% passing) 1.4D	Values 31.5 = 100	EN 12697-2
D	20mm = 100	
Characteristic coarse	6.3mm = 47	
2	2mm = 32	
Characteristic fine	250micron = 13	
0.063	.063micron = 9	
Temperature of the Mixture	140-180 oc	EN 12697-13
Void content:		EN 12697-8
-Maximum/Minimum	Category NPD	
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	Category NPD	EN 13501-1
Resistance to permanent deformation	Category NPD	EN 12697-22
Stiffness	Category NPD	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

