

Declaration of Performance

DOP/BA/7016-8096

HRA 30/14 F Surf 40/60 rec S1A
Ballinascorney Quarry, Brittas, Co. Dublin.

- 1. Unique Identification code of the product - type:** Code 7016-8096 / HRA 30/14 F Surf 40/60 rec S1A
- 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 13108-4:2006 & S.R. 28 **Notified Body:** NSAI (0050-CPR-044)
- 7. Declared Performance/s**

| Characteristic | Declared Performance | | Harmonised Technical Specification |
|--|-----------------------|-----------------------|------------------------------------|
| Binder content: | Declared Value | B _{act} 7.7 | EN 12697-39 |
| | Category | B _{min} 8.0 | |
| Minimum Binder Volume | Category | B _{vol} 15.5 | EN 12697-8 |
| Grading (%passing) | 1.4D | Values 20mm 100 | EN 12697-2 |
| | D | 14mm 98 | |
| | Characteristic coarse | 10mm 78 | |
| | 2 | 2mm 65 | |
| | Characteristic fine | 0.250mm 38 | |
| | 0,063 | 0.063mm 9.0 | |
| Temperature of the mixture | Threshold Value | 150°C to 190°C | 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 | Euroclass | NPD | EN 13501-1 |
| Resistance to permanent deformation | Category | NPD | EN 12697-22 |
| Stiffness | Category | NPD | EN 12697-26 |
| Resistance to fuel | Category | NPD | EN 12697-43 |
| Resistance to de-icing fluid | Category | NPD | EN 12697-41 |
| Dangerous substances | Category | NPD | EN 13108-4 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 18 November 2015





0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
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0050-CPR-044

I.S. EN 13108-4

Asphalt Concrete for roads and trafficked areas

HRA 30/14 F Surf 40/60 rec S1A
Ballinascorney Quarry, Brittas, Co Dublin
BA/7016-8096

Void content:

-Maximum / Minimum Category NPD

Voids filled with bitumen

-Maximum / Minimum Category NPD

Voids in mineral aggregate

NPD

Water sensitivity

Category NPD

Resistance to abrasion by studded tyres

Category NPD

Reaction to fire

Euroclass NPD

Resistance to fuel

Category NPD

Resistance to de-icing fluid

Category NPD

Temperature of the mixture

Threshold Value 150 °C to 190 °C

Grading (%passing)

| Declared Values | 20mm | 100 |
|-----------------|---------|-----|
| | 14mm | 98 |
| | 10mm | 78 |
| | 2mm | 65 |
| | 0.250mm | 38 |
| | 0.063mm | 9.0 |

Binder content:

Declared Value B_{act} 7.7

Category B_{min} 8.0

Minimum Binder Volume:

Category B_{vol} 15.5

Resistance to permanent deformation

Category NPD

Stiffness

-Minimum Category NPD

-Maximum Category NPD

Resistance to fatigue

Category NPD

Dangerous substances

Declared Value NPD