

Declaration of Performance

DOP/BA/7003-8080

AC 32 Dense Bin 70/100 rec Ballinascorney Quarry, Brittas, Co Dublin

- 1. Unique Identification code of the product - type:** Code 7003-8080 / AC 32 Dense 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-044)
- 7. Declared Performance/s**

| Characteristic | Declared Performance | | Harmonised Technical Specification |
|--|-----------------------|----------------------|------------------------------------|
| Binder content: | Declared Value | B _{act} 4.7 | EN 12697-39 |
| | Category | B _{min} 5.0 | |
| Grading (% passing) | 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 6.0 | |
| Temperature of the mixture | Threshold Values | 140°C to 180°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 |
| 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 18 November 2015





0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
15
0050-CPR-044

I.S. EN 13108-1

Asphalt Concrete for roads and trafficked areas

AC 32 Dense Bin 70/100 rec
Ballinascorney Quarry, Brittas, Co Dublin
BA/7003-8080

| | | | |
|--|------------------|---------|----------------------|
| Void content: | | | |
| -Maximum / Minimum | Category | | NPD |
| Voids filled with bitumen | | | |
| -Maximum / Minimum | Category | | NPD |
| Voids 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 | 40mm | 100 |
| | | 31.5mm | 99 |
| | | 20mm | 84 |
| | | 2mm | 30 |
| | | 0.250mm | 11 |
| | | 0.063mm | 6.0 |
| Binder content: | Declared Value | | B _{act} 4.7 |
| | Category | | B _{min} 5.0 |
| Marshall values | | | |
| Marshall stability | Category | | NPD |
| Marshall flow | Category | | NPD |
| Marshall quotient | Category | | NPD |
| Resistance to permanent deformation | Category | | NPD |
| Stiffness | | | |
| -Minimum | Category | | NPD |
| -Maximum | Category | | NPD |
| Resistance to fatigue | Category | | NPD |
| Dangerous substances | Declared Value | | NPD |