

Declaration of Performance

DOP/BR/48265

2/6.3 (6mm)

Brownstown, Kilcullen, Co Kildare

- 1. Unique Identification code of the product - type:** Code: 48265 - 2/6.3 (6mm)
- 2. Intended use/es:** Preparation of concrete for use in buildings, roads and other civil engineering works.
- 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 12620:2002+A1:2008 **Notified Body:** NSAI (0050-CPR-0596)
- 7. Declared Performance/s:**

| Characteristic | Declared Performance | Harmonised Technical Specification |
|--|--|------------------------------------|
| Particle Size | Designation 2/6.3 G _C 85/20 | EN 933-1 |
| Particle shape | Category NPD | EN 933-3 |
| Particle density | Declared Value 2.6 Mg/m ³ | EN 1097-6 |
| Aggregate Type / Description | Limestone (PCG) | EN 932-3 |
| Fines content | Category f _{1.5} | EN 933-1 |
| Shell Content | Category NPD | EN 933-7 |
| Resistance to fragmentation/crushing | Category LA ₂₀ | EN 1097-2 |
| Resistance to wear | Category M _{de 20} | EN 1097-1 |
| Resistance to Polishing | Category NPD | EN 1097-8 |
| Resistance to Abrasion | Category NPD | EN 1097-8 |
| Resistance to abrasion from studded tyres | Category NPD | EN 1097-9 |
| Constituents of coarse recycled aggregates | Category NPD | EN 933-11 |
| Chlorides | Declared Value C (%) <0.001 | EN 1744-1 |
| Acid soluble sulfate | Declared Value AS _{0.02} | EN 1744-1 |
| Total sulphur | Declared Value S _{0.03} | EN 1744-1 |
| Water soluble sulfates of recycled aggregates | Category NPD | EN 1744-1 |
| Constituents which alter the rate of setting and hardening of concrete | Threshold Value NPD | EN 1744-1 |
| Influence of recycled aggregates on initial setting time of cement | Category NPD | EN 1744-1 |
| Carbonate Content | Declared Value NPD | EN 196-2 |
| Volume Stability - Drying Shrinkage | Threshold Value Pass <0.075% | EN 1367-4 |
| Constituents which affect the volume stability of air-cooled blastfurnace slag | Threshold Value NPD | EN 1744-1 |
| Water absorption | Declared Value WA ₂₄ 1.5 | EN 1097-6 |
| Emmission of Radioactivity | Declared Value NPD | EN 12620 |
| Release of heavy metals | Threshold Value NPD | EN 12620 |
| Release of polyaromatic carbons | Threshold Value NPD | EN 12620 |
| Release of other dangerous substances | Declared Value NPD | EN 12620 |
| Durability against freeze/thaw | Category MS ₁₈ | EN 1367-2 |
| Durability against alkali-silica reactivity | Declared Value NPD | I.S. EN 12620:2002+A1:2008 |

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 26/04/2018





0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
15
0050-CPR-0596

I.S. EN 12620:2002+A1:2008
Aggregates for Concrete

2/6.3 (6mm)

Brownstown, Kilcullen, Co Kildare

BR/48265

| | | | |
|--|-----------------|-----------------------|----------------------|
| Particle size | Designation | 2/6.3 | G _c 85/20 |
| Particle shape | Category | NPD | |
| Particle density | Declared Value | 2.6 Mg/m ³ | |
| Aggregate Type / Description | Limestone (PCG) | | |
| Cleanliness | | | |
| Fines content | Category | F _{1.5} | |
| Shell Content | Category | NPD | |
| Resistance to fragmentation/crushing | Category | LA ₂₀ | |
| Resistance to wear | Category | M _{de 20} | |
| Resistance to Polishing | Category | NPD | |
| Resistance to Abrasion | Category | NPD | |
| Resistance to abrasion from studded tyres | Category | NPD | |
| Composition/Content | | | |
| Constituents of coarse recycled aggregates | Category | NPD | |
| Chlorides | Declared Value | C (%) <0.001 | |
| Acid soluble sulfate | Category | AS _{0.2} | |
| Total sulphur | Category | S ₁ | |
| Water soluble sulfates of recycled aggregates | Category | NPD | |
| Constituents which alter the rate of setting and hardening of concrete | Threshold Value | NPD | |
| Influence of recycled aggregates on initial setting time of cement | Category | NPD | |
| Carbonate Content | Declared Value | NPD | |
| Volume Stability | | | |
| Drying Shrinkage | Threshold Value | Pass <0.075% | |
| Constituents which affect the volume stability of air-cooled blastfurnace slag | Threshold Value | NPD | |
| Water absorption | Declared Value | WA ₂₄ 1.5 | |
| Emission of Radioactivity | Declared Value | NPD | |
| Release of heavy metals | Threshold Value | NPD | |
| Release of polyaromatic carbons | Threshold Value | NPD | |
| Release of other dangerous substances | Declared Value | NPD | |
| Durability against freeze/thaw | Category | MS ₁₈ | |
| Durability against alkali-silica reactivity | Declared Value | NPD | |