

Declaration of Performance

DOP/BT/01287

4/10 (10mm)

Bunaterin, Tullamore, Co Offaly

- 1. Unique Identification code of the product - type:** Code: 01287 - 4/10 (10mm)
- 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-0597)
- 7. Declared Performance/s:**

| Characteristic | Declared Performance | | Harmonised Technical Specification |
|--|----------------------|---------------------------|------------------------------------|
| Particle Size | Designation | 4/10 G _C 85/20 | EN 933-1 |
| Particle shape | Category | FI ₂₀ | EN 933-3 |
| Particle density | Declared Value | 2.7 Mg/m ³ | EN 1097-6 |
| Aggregate Type / Description | Limestone (G) | | 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 ₂₅ | 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 _{0.03} | EN 1744-1 |
| Total sulphur | Declared Value | S _{0.02} | 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 0.9 | 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-0597

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

4/10 (10mm)

Bunaterin, Tullamore, Co Offaly
BT/01287

| | | | |
|--|-----------------|------|-----------------------|
| Particle size | Designation | 4/10 | G _c 85/20 |
| Particle shape | Category | | FI ₂₀ |
| Particle density | Declared Value | | 2.7 Mg/m ³ |
| Aggregate Type / Description | | | Limestone (G) |
| Cleanliness | | | |
| Fines content | Category | | F _{1.5} |
| Shell Content | Category | | NPD |
| Resistance to fragmentation/crushing | Category | | LA ₂₅ |
| 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 0.9 |
| 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 |