

## Declaration of Performance

DOP/BN/69116

### 0/4 (Washed Sand) Ballinakill, Moate, Co Laois

- 1. Unique Identification code of the product - type:** Code: 69116 - 0/4 (Washed Sand)
- 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-0595)
- 7. Declared Performance/s:**

| Characteristic   | Declared Performance                 | Harmonised Technical Specification |
|--|--------------------------------------|------------------------------------|
| Particle Size  | Designation 0/4 G <sub>r</sub> 85    | EN 933-1                           |
| Particle shape   | Category NPD                         | EN 933-3                           |
| Particle density   | Declared Value 2.6 Mg/m <sup>3</sup> | EN 1097-6                          |
| Aggregate Type / Description   | Limestone (PCG)                      | EN 932-3                           |
| Fines content  | Category f <sub>3</sub>              | EN 933-1                           |
| Shell Content  | Category NPD                         | EN 933-7                           |
| Resistance to fragmentation/crushing   | Category LA <sub>30</sub>            | EN 1097-2                          |
| Resistance to wear   | Category M <sub>de 35</sub>          | 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 <sub>0.03</sub>    | EN 1744-1                          |
| Total sulphur  | Declared Value S <sub>0.02</sub>     | 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 <sub>24</sub> 1.3  | 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 <sub>25</sub>            | 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  
17  
0050-CPR-0595

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

**0/4 (Washed Sand)**

Ballinakill, Moate, Co Laois

BN/69116/69154

|  |                 |                       |                   |
|--|-----------------|-----------------------|-------------------|
| <b>Particle size</b>   | Designation     | 0/4                   | G <sub>r</sub> 85 |
| <b>Particle shape</b>  | Category        | NPD                   |                   |
| <b>Particle density</b>  | Declared Value  | 2.6 Mg/m <sup>3</sup> |                   |
| <b>Aggregate Type / Description</b>  | Limestone (PCG) |                       |                   |
| <b>Cleanliness</b>   |                 |                       |                   |
| Fines content  | Category        | F <sub>3</sub>        |                   |
| Shell Content  | Category        | NPD                   |                   |
| <b>Resistance to fragmentation/crushing</b>                                    | Category        | LA <sub>30</sub>      |                   |
| <b>Resistance to wear</b>  | Category        | M <sub>de 35</sub>    |                   |
| <b>Resistance to Polishing</b>   | Category        | NPD                   |                   |
| <b>Resistance to Abrasion</b>  | Category        | NPD                   |                   |
| <b>Resistance to abrasion from studded tyres</b>                               | Category        | NPD                   |                   |
| <b>Composition/Content</b>   |                 |                       |                   |
| Constituents of coarse recycled aggregates                                     | Category        | NPD                   |                   |
| Chlorides  | Declared Value  | C (%) <0.001          |                   |
| Acid soluble sulfate   | Category        | AS <sub>0.2</sub>     |                   |
| Total sulphur  | Category        | S <sub>1</sub>        |                   |
| 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                   |                   |
| <b>Volume Stability</b>  |                 |                       |                   |
| Drying Shrinkage   | Threshold Value | Pass <0.075%          |                   |
| Constituents which affect the volume stability of air-cooled blastfurnace slag | Threshold Value | NPD                   |                   |
| <b>Water absorption</b>  | Declared Value  | WA <sub>24</sub> 1.3  |                   |
| <b>Emmission of Radioactivity</b>  | Declared Value  | NPD                   |                   |
| <b>Release of heavy metals</b>   | Threshold Value | NPD                   |                   |
| <b>Release of polyaromatic carbons</b>   | Threshold Value | NPD                   |                   |
| <b>Release of other dangerous substances</b>                                   | Declared Value  | NPD                   |                   |
| <b>Durability against freeze/thaw</b>  | Category        | MS <sub>25</sub>      |                   |
| <b>Durability against alkali-silica reactivity</b>                             | Declared Value  | NPD                   |                   |