

## Declaration of Performance

DOP/RA/10118

### 6F2

Enfield Quarry, Rathcore, Enfield, Co Meath

- 1. Unique Identification code of the product - type:** Code: 10118 - 6F2
- 2. Intended use/es:** Hydraulically bound and unbound materials for use in civil engineering and road construction
- 3. Manufacturer:** Kilsaran Concrete, Piercetown, Dunboyne Co. Meath
- 4. Authorised Representative:** N/A
- 5. System of AVCP:** System 4
- 6a. Standard:** NRA SFRW
- 7. Declared Performance**

| Characteristic                                      | Declared Performance |                                | Technical Specification |
|---|----------------------|--------------------------------|-------------------------|
| <b>Particle size</b>                                | NRA SFRW             | Table 6/2                      | BS 1377 Part 2          |
| <b>Particle shape</b>                               | Category             | FI <sub>NR</sub>               | EN 933-3                |
| <b>Particle density</b>                             | Declared Value       | NR Mg/m <sup>3</sup>           | EN 1097-6               |
| <b>Aggregate Type</b>                               | Category             | Limestone                      | EN 932-3                |
| <b>Fines content</b>                                | Category             | UF <sub>10</sub>               | EN 933-1                |
| <b>Percentage of crushed particles</b>              | Category             | C <sub>100/0</sub>             | EN 933-5                |
| <b>Resistance to fragmentation/crushing</b>         | Category             | LA <sub>30</sub>               | EN 1097-2               |
| <b>Water absorption/suction</b>                     | Declared Value       | WA <sub>24</sub> <sub>NR</sub> | EN 1097-6               |
| <b>Acid soluble sulfate</b>                         | Declared Value       | AS <sub>NR</sub>               | EN 1744-1               |
| <b>Total sulphur</b>                                | Declared Value       | S <sub>&lt;0.1</sub>           | EN 1744-1               |
| <b>Water-Soluble Sulfate</b>                        | Category             | SS <sub>NR</sub>               | EN 1744-1               |
| <b>Oxidisable Sulfides</b>                          | Declared Value       | NPD                            | SFRW                    |
| <b>Durability against freeze/thaw</b>               | Category             | MS <sub>NR</sub>               | EN 1367-2               |
| <b>Fines quality</b>                                | Category             | MB <sub>A</sub> <sub>NR</sub>  | EN 933-9                |
| <b>Volume stability</b>                             | Category             | NPD                            | EN 1744-1               |
| <b>Liquid Limit</b>                                 | Declared Max Value   | LL <sub>NR</sub>               | BS 1377-2               |
| <b>Plastic Index</b>                                | Declared Max Value   | PL <sub>NR</sub>               | BS 1377-2               |
| <b>Optimum Moisture Content</b>                     | Declared Value       | 3.4                            | EN 13286-4              |
| <b>Moisture content</b>                             | Declared Value       | < OMC                          | EN1097-5                |
| <b>Classification of coarse recycled aggregates</b> | Category             | Ra <sub>NR</sub>               | EN 933-11               |
| <b>pH value</b>                                     | Declared Value       | NPD                            | BS 1377-3               |

8. N/A

9. This Declaration does not cover the tests or test values that may be required as per Appendix 6/1.

<http://www.kilsaran.ie/build/technical-downloads/>

The performance of the product identified above is in conformity with the set of declared performances.

Signed for and on behalf of the manufacturer by:

**Thomas Little at Piercetown, Dunboyne, Co Meath on 23 November 2016**

