

## Declaration of Performance

DOP/RO/111698

### 6N1

Rossmore Quarry, Rossmore, Co Cork

- 1. Unique Identification code of the product - type:** Code: 111698 / - 6N1
- 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:** Tii SFRW

**7. Declared Performance**

Characteristic	Declared Performance		Technical Specification
<b>Particle size</b>	Tii SFRW	Table 6/2	BS 1377 Part 2
<b>Los angeles coefficient</b>	Category	LA <sup>30</sup>	EN 1097-2
<b>Undrained shear parameters (c and <math>\phi</math>)</b>	Tii SFRW	N/A	BS 1377 Part 7
<b>Effective angle of internal friction (<math>\phi'</math>) and effective cohesion (<math>c'</math>)</b>	Tii SFRW	$\phi' = 45^\circ$ $c' = 28 \text{ kPa}$	BS 1377 Part 7
<b>Permeability</b>	Tii SFRW	$4.1 \times 10^{-45} \text{ m/sec}$	Tii SFRW clause 640
<b>MC</b>	Tii SFRW	NR	BS 1377 Part 2
<b>MCV</b>	Tii SFRW	>18	BS 1377 Part 4
<b>pH value</b>	Tii SFRW	8.3	BS 1377 Part 3
<b>Water soluble sulfate</b>	Category	<0.1 g/l SO <sub>3</sub>	EN 1744-1
<b>Oxidisable sulfides</b>	Tii SFRW	0.03	EN 1744-1
<b>Slope stability test</b>	Tii SFRW	No requirement specified	

**8.** N/A

**9.** This declaration of performance does not encompass material requirements that may be set out in a project specific appendix 6/1

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

Signed for and on behalf of the manufacturer by:

**Stephen Greene at Piercetown, Dunboyne, Co Meath on 17/12/24**

