

## Declaration of Performance

DOP/BA/51526

### Clause 505 Type B - 20/40 Ballinascorney Quarry, Brittas, Co Dublin

- 1. Unique Identification code of the product - type:** Code: 51526 - Clause 505 Type B - 20/40
- 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 2+
- 6a. Standard:** NRA SFRW with reference to I.S. EN 13242:2002+A1:2007 **Notified Body:** NSAI (0050-CPR-0499)
- 7. Declared Performance**

Characteristic	Declared Performance		Technical Specification
<b>Particle size</b>	Designation	20/40 Gc 80-20	EN 933-1
<b>Particle shape</b>	Category	FI <sub>NR</sub>	EN 933-3
<b>Particle density</b>	Declared Value	2.8 Mg/m <sup>3</sup>	EN 1097-6
<b>Aggregate Type</b>	Category	Dolerite / Greywacke	EN 932-3
<b>Fines content</b>	Category	UF <sub>NR</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>20</sub>	EN 1097-2
<b>Water absorption/suction</b>	Declared Value	WA <sub>24</sub> NR	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>NR</sub>	EN 1744-1
<b>Water-Soluble Sulfate</b>	Category	SS <sub>&lt;0.1</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> NR	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 0	BS 1377-2
<b>Optimum Moisture Content</b>	Declared Value	NPD	EN 13286-4
<b>Moisture content</b>	Declared Value	NPD	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

<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**

