

## Declaration of Performance

DOP/BR/48264

**10/20 (20mm)**

Brownstown, Kilcullen, Co Kildare

- 1. Unique Identification code of the product - type:** Code: 48264 - 10/20 (20mm)
- 2. Intened 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-0596)

**7. Declared Performance/s:**

Characteristic	Declared Performance		Harmonised Technical Specification
<b>Particle Size</b>	Designation	10/20 G <sub>C</sub> 85/20	EN 933-1
<b>Particle shape</b>	Category	FI <sub>15</sub>	EN 933-3
<b>Particle density</b>	Declared Value	2.65 Mg/m <sup>3</sup>	EN 1097-6
<b>Aggregate Type / Description</b>	Limestone (PCG)		EN 932-3
<b>Fines content</b>	Category	f <sub>1.5</sub>	EN 933-1
<b>Shell Content</b>	Category	NPD	EN 933-7
<b>Resistance to fragmentation/crushing</b>	Category	LA <sub>25</sub>	EN 1097-2
<b>Resistance to wear</b>	Category	M <sub>de 15</sub>	EN 1097-1
<b>Resistance to Polishing</b>	Category	NPD	EN 1097-8
<b>Resistance to Abrasion</b>	Category	NPD	EN 1097-8
<b>Resistance to abrasion from studded tyres</b>	Category	NPD	EN 1097-9
<b>Constituents of coarse recycled aggregates</b>	Category	NPD	EN 933-11
<b>Chlorides</b>	Declared Value	C (%) <0.001	EN 1744-1
<b>Acid soluble sulfate</b>	Declared Value	AS <0.1	EN 1744-1
<b>Total sulphur</b>	Declared Value	S <0.1	EN 1744-1
<b>Water soluble sulfates of recycled aggregates</b>	Category	NPD	EN 1744-1
<b>Constituents which alter the rate of setting and hardening of concrete</b>	Threshold Value	NPD	EN 1744-1
<b>Influence of recycled aggregates on initial setting time of cement</b>	Category	NPD	EN 1744-1
<b>Carbonate Content</b>	Declared Value	NPD	EN 196-2
<b>Volume Stability - Drying Shrinkage</b>	Threshold Value	Pass <0.075%	EN 1367-4
<b>Constituents which affect the volume stability of air-cooled blastfurnace slag</b>	Threshold Value	NPD	EN 1744-1
<b>Water absorption</b>	Declared Value	WA <sub>24</sub> 1.5	EN 1097-6
<b>Emmission of Radioactivity</b>	Declared Value	NPD	EN 12620
<b>Release of heavy metals</b>	Threshold Value	NPD	EN 12620
<b>Release of polyaromatic carbons</b>	Threshold Value	NPD	EN 12620
<b>Release of other dangerous substances</b>	Declared Value	NPD	EN 12620
<b>Durability against freeze/thaw</b>	Category	MS <sub>18</sub>	EN 1367-2
<b>Durability against alkali-silica reactivity</b>	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:

**Stephen Greene at Piercetown, Dunboyne, Co Meath on 3/12/2024**





**0050**

Kilsaran Concrete  
Piercetown, Dunboyne Co. Meath  
15  
0050-CPR-0596

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

**10/20 (20mm)**

Brownstown, Kilcullen, Co Kildare  
BR/48264

<b>Particle size</b>	Designation	10/20	G <sub>c</sub> 85/20
<b>Particle shape</b>	Category		FI <sub>15</sub>
<b>Particle density</b>	Declared Value		2.65 Mg/m <sup>3</sup>
<b>Aggregate Type / Description</b>			Limestone (PCG)
<b>Cleanliness</b>			
Fines content	Category		F <sub>1.5</sub>
Shell Content	Category		NPD
<b>Resistance to fragmentation/crushing</b>	Category		LA <sub>25</sub>
<b>Resistance to wear</b>	Category		M <sub>de</sub> <sub>15</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> 1.5
<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>18</sub>
<b>Durability against alkali-silica reactivity</b>	Declared Value		NPD

