

## Declaration of Performance

DOP/BR/48259

### 0/2 (Asphalt Sand)

Brownstown, Kilcullen, Co Kildare

- 1. Unique Identification code of the product - type:** Code 48259 - 0/2 (Asphalt Sand)
- 2. Intended use/es:** Bituminous mixtures and surface treatments for roads, airfields and other trafficked areas
- 3. Manufacturer:** Kilsaran Concrete, Piercetown, Dunboyne Co. Meath
- 4. Authorised Representative:** N/A
- 5. System/s of AVCP:** System 4
- 6a. Harmonised Standard:** I.S. EN 13043:2002 **Notified Body:** N/A
- 7. Declared Performance/s:**

Characteristic	Declared Performance		Harmonised Technical Specification
<b>Particle size</b>	Designation	0/2 G <sub>r</sub> 85	EN 933-1
<b>Particle shape</b>	Category	NPD	EN 933-3
<b>Particle density</b>	Declared Value	2.7 Mg/m <sup>3</sup>	EN 1097-6
<b>Composition / Content</b>	Limestone (Sand)		EN 932-3
<b>Cleanliness</b>	Fines Content	Category f <sub>10</sub>	EN 933-1
	Fines Quality	Category MB <sub>r</sub> NR	EN 933-9
<b>Affinity to bituminous binders</b>	Declared Value	NPD	EN 12697-11
<b>Percentage of crushed and broken surfaces</b>	Category	NPD	EN 933-5
<b>Resistance to Fragmentation</b>	Category	LA <sub>20</sub>	EN 1097-2
<b>Resistance to Polishing</b>	Declared Value	NPD	EN 1097-8
<b>Resistance to Surface Abrasion</b>	Category	NPD	EN 1097-8
<b>Resistance to Wear</b>	Category	M <sub>DE 20</sub>	EN 1097-1
<b>Resistance to abrasion from studded tyres</b>	Category	NPD	EN 1097-9
<b>Water absorption</b>	Category	WA <sub>24 2</sub>	EN 1097-6
<b>Resistance to freezing and thawing</b>	Category	MS <sub>18</sub>	EN 1367-2
<b>Resistance to Thermal Shock</b>	Declared Value	NPD	EN 1367-5
<b>Sonnenbrand of Bassalt</b>	Category	NPD	EN 1367-3
<b>Coarse lightweight contaminants</b>	Category	NPD	EN 1744-1
<b>Dicalcium silicate disintegration of air-cooled blastfurnace slag</b>	Pass / Fail	NPD	EN 1744-1
<b>Iron disintegration of air-cooled blastfurnace slag</b>	Pass / Fail	NPD	EN 1744-1
<b>Volume stability of steel slag aggregates</b>	Category	NPD	EN 1744-1
<b>Emission of radioactivity</b>	Threshold Value	NPD	I.S. EN 13043
<b>Release of heavy metals</b>	Threshold Value	NPD	I.S. EN 13043
<b>Release of polyaromatic carbons</b>	Threshold Value	NPD	I.S. EN 13043
<b>Release of other dangerous substances</b>	Declared Value	NPD	I.S. EN 13043


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 8 December 2015**





Kilsaran Concrete  
Piercetown, Dunboyne Co. Meath  
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**I.S. EN 13043:2002**  
**Aggregates for bituminous mixtures**

**0/2 (Asphalt Sand)**  
Brownstown, Kilcullen, Co Kildare  
BR/48259

<b>Particle size</b>	Designation	0/2 G <sub>F</sub> 85
<b>Particle shape</b>	Category	NPD
<b>Particle density</b>	Declared Value	2.7 Mg/m <sup>3</sup>
<b>Aggregate Type</b>		Limestone (Sand)
<b>Cleanliness</b> Fines content	Category	F <sub>10</sub>
Fines quality	Category	MB <sub>F</sub> NT
<b>Affinity to bituminous binders</b>	Declared Value	NPD
<b>Percentage of crushed and broken surfaces</b>	Category	NPD
<b>Resistance to fragmentation/crushing</b>	Category	LA <sub>20</sub>
<b>Resistance to polishing/abrasion/wear</b>		
Polished Stone Value	Declared Value	NPD
Aggregate Abrasion Value	Category	NPD
Resistance to wear	Category	M <sub>de</sub> 20
<b>Volume Stability</b>		
Dicalcium silicate disintegration of air-cooled blastfurnace slag	Pass / Fail	NPD
Iron disintegration of air-cooledblastfurnace slag	Pass / Fail	NPD
Volume stability of steel slag aggregates	Category	NPD
<b>Emmission of Radioactivity</b>	Declared Value	NPD
<b>Release of heavy metals</b>	Declared Value	NPD
<b>Release of polyaromatic carbons</b>	Declared Value	NPD
<b>Release of other dangerous substances</b>	Declared Value	NPD
<b>Durability against freeze/thaw</b>	Category	MS <sub>18</sub>
Water absorption	Category	WA <sub>24</sub> 2
<b>Durability against weathering</b>	Category	NPD
<b>Durability against studded tyres</b>	Category	NPD
<b>Durability against thermal shock</b>	Declared Value	NPD
<b>Sonnenbrand of Bassalt</b>	Category	NPD