

## Declaration of Performance

DOP/BR-BA/78769/79188

### 4/40 (S.R. 21 ANNEX E – T2 PERM)

Ballinascorney, Brittas, Co Dublin via Brownstown Depot

- 1. Unique Identification code of the product - type:** Code 78769/79188 - 4/40 (S.R. 21 ANNEX E – T2 PERM)
- 2. Intended use/es:** Hydraulically bound and unbound materials for use in civil engineering and road construction. Including unbound granular fill (Hardcore) for use under concrete floors and footpaths.
- 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 13242:2002+A1:2007 / S.R. 21:2014+A1:2016 **Notified Body:** NSAI (0050-CPR-0499)
- 7. Declared performance/s:**

Characteristic	Declared Performance	Harmonised Technical Specification
Particle size	Designation 4/40	EN 933-1
Particle shape	Category NPD	EN 933-3
Particle density	Declared Value 2.8 Mg/m <sup>3</sup>	EN 1097-6
Aggregate Type / Description	Dolerite/Greywacke	EN 932-3
Fines content	Category NPD	EN 933-1
Percentage of crushed particles	Category C <sub>100/0</sub>	EN 933-5
Resistance to fragmentation/crushing	Category LA <sub>20</sub>	EN 1097-2
Water absorption/suction	Declared Value WA <sub>24</sub> 0.8	EN 1097-6
Acid soluble sulfate	Declared Value AS <sub>0.06</sub>	EN 1744-1
Total sulphur	Declared Value S <sub>0.08</sub>	EN 1744-1
Durability against freeze/thaw	Category MS <sub>18</sub>	EN 1367-2
Resistance to wear	Category NPD	EN 1097-1
Fines quality	Category NPD	EN 933-9
Volume stability	Category NPD	EN 1744-1
Classification of coarse recycled aggregates	Category NPD	EN 933-11
Water soluble sulfates of recycled aggregates	Category NPD	EN 1744-1
Constituents which alter the rate of setting and hardening of hydraulically bound mixtures	Category NPD	EN 1744-1
Release of heavy metals by leaching	Declared Value NPD	EN 13242
Release of other dangerous substances	Declared Value NPD	EN 13242

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 25/05/2017





**0050**

Kilsaran Concrete  
Piercetown, Dunboyne Co. Meath  
16  
0050-CPR-0499

**I.S. EN 13242:2002+A1:2007**

**Aggregates for hydraulically bound and unbound material for  
civil engineering and road construction**

**4/40 (S.R. 21 ANNEX E – T2 PERM)**

Ballinascorney, Brittas, Co Dublin via Brownstown Depot  
BR-BA/78769/79188

<b>Particle size</b>	Designation	4/40
<b>Aggregate Type / Description</b>	Dolerite/Greywacke	
<b>Particle shape</b>	Category	NPD
<b>Particle density</b>	Declared Value	2.8 Mg/M <sup>3</sup>
<b>Cleanliness</b>		
Fines content	Category	NPD
Fines quality	Category	NPD
<b>Percentage of crushed particles</b>	Category	C <sub>100/0</sub>
<b>Resistance to fragmentation/crushing</b>	Category	LA <sub>20</sub>
<b>Volume stability</b>	Category	NPD
<b>Water absorption/suction</b>	Category	WA <sub>24</sub> 2
<b>Composition/content</b>		
Classification of coarse recycled aggregates	Category	NPD
Water soluble sulfates of recycled aggregates	Category	NPD
Acid soluble sulfate	Category	AS <sub>0.2</sub>
Total sulphur	Category	S <sub>1</sub>
Constituents which alter the rate of setting and hardening of hydraulically bound mixtures	Category	NPD
<b>Resistance to wear</b>	Category	NPD
<b>Dangerous substances</b>		
Release of heavy metals by leaching	Declared Value	NPD
Release of other dangerous substances	Declared Value	NPD
<b>Durability against freeze/thaw</b>	Category	MS <sub>18</sub>