

Declaration of Performance

DOP/BW/50902/83422

10/20 (20mm)

Bellewstown Quarry, Mullagh Rd., Co Meath

- 1. Unique Identification code of the product - type:** Code: BW/50902/83422 - 10/20 (20mm)
- 2. Intended 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 / S.R.16 **Notified Body:** NSAI (0050-CPR-0655)
- 7. Declared Performance/s:**

Characteristic	Declared Performance		Harmonised Technical Specification
Particle Size	Designation	10/20 GC85/20	EN 933-1
Particle shape	Category	NPD	EN 933-3
Particle density	Declared Value	2.75 Mg/m ³	EN 1097-6
Aggregate Type / Description	Tuff		EN 932-3
Fines content	Category	f ₄	EN 933-1
Shell Content	Category	NPD	EN 933-7
Resistance to fragmentation/crushing	Category	LA ₂₀	EN 1097-2
Resistance to wear	Category	M _{de 25}	EN 1097-1
Resistance to Polishing	Category	NPD	EN 1097-8
Resistance to Abrasion	Category	NPD	EN 1097-8
Resistance to abrasion from studded tyres	Category	NPD	EN 1097-9
Constituents of coarse recycled aggregates	Category	NPD	EN 933-11
Chlorides	Declared Value	C (%) <0.001	EN 1744-1
Acid soluble sulfate	Declared Value	AS <0.1	EN 1744-1
Total sulphur	Declared Value	S <0.1	EN 1744-1
Water soluble sulfates of recycled aggregates	Category	NPD	EN 1744-1
Constituents which alter the rate of setting and hardening of concrete	Threshold Value	NPD	EN 1744-1
Influence of recycled aggregates on initial setting time of cement	Category	NPD	EN 1744-1
Carbonate Content	Declared Value	NPD	EN 196-2
Volume Stability - Drying Shrinkage	Threshold Value	Pass <0.075%	EN 1367-4
Constituents which affect the volume stability of air-cooled blastfurnace slag	Threshold Value	NPD	EN 1744-1
Water absorption	Declared Value	WA ₂₄ 0.8	EN 1097-6
Emmission of Radioactivity	Declared Value	NPD	EN 12620
Release of heavy metals	Threshold Value	NPD	EN 12620
Release of polyaromatic carbons	Threshold Value	NPD	EN 12620
Release of other dangerous substances	Declared Value	NPD	EN 12620
Durability against freeze/thaw	Category	MS ₁₈	EN 1367-2
Durability against alkali-silica reactivity	Declared Value	NPD	I.S. EN 12620:2002+A1:2008

8. N/A

<https://www.kilsaran.ie/technical-library/>

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:

Clare McElroy at Piercetown, Dunboyne, Co Meath on 02.03.2022





0050

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
17
0050-CPR-0655

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

10/20 (20mm)

Bellewstown Quarry, Mullagh Rd., Co Meath

BW/50902/83422

	Designation	10/20	GC85/20
Particle size	Category	NPD	
Particle shape	Declared Value	2.75 Mg/m ³	
Particle density		Tuff	
Aggregate Type / Description			
Cleanliness			
Fines content	Category	F ₄	
Shell Content	Category	NPD	
Resistance to fragmentation/crushing	Category	LA ₂₀	
Resistance to wear	Category	M _{de 25}	
Resistance to Polishing	Category	NPD	
Resistance to Abrasion	Category	NPD	
Resistance to abrasion from studded tyres	Category	NPD	
Composition/Content			
Constituents of coarse recycled aggregates	Category	NPD	
Chlorides	Declared Value	C (%) <0.001	
Acid soluble sulfate	Category	AS _{0.2}	
Total sulphur	Category	S ₁	
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	
Volume Stability			
Drying Shrinkage	Threshold Value	Pass <0.075%	
Constituents which affect the volume stability of air-cooled blastfurnace slag	Threshold Value	NPD	
Water absorption	Declared Value	WA ₂₄ 0.8	
Emmission of Radioactivity	Declared Value	NPD	
Release of heavy metals	Threshold Value	NPD	
Release of polyaromatic carbons	Threshold Value	NPD	
Release of other dangerous substances	Declared Value	NPD	
Durability against freeze/thaw	Category	MS ₁₈	
Durability against alkali-silica reactivity	Declared Value	NPD	