

Declaration of Performance

DOP/BA/50361

20/31.5 (28mm)

Ballinascorney Quarry, Brittas, Co Dublin

- 1. Unique Identification code of the product - type:** Code 50361 - 20/31.5 (28mm)
- 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 2+
- 6a. Harmonised Standard:** I.S. EN 13043:2002 **Notified Body:** NSAI(0050-CPR-0591)
- 7. Declared Performance/s:**

Characteristic	Declared Performance	Harmonised Technical Specification
Particle size	Designation 20/31.5 Gc 85-35	EN 933-1
Particle shape	Category NPD	EN 933-3
Particle density	Declared Value 2.8 Mg/m ³	EN 1097-6
Composition / Content	Dolerite / Greywacke	EN 932-3
Cleanliness Fines Content	Category f ₄	EN 933-1
Fines Quality	Category MB _f NT	EN 933-9
Affinity to bituminous binders	Declared Value 100%	EN 12697-11
Percentage of crushed and broken surfaces	Category C _{100/0}	EN 933-5
Resistance to Fragmentation	Category LA ₂₀	EN 1097-2
Resistance to Polishing	Declared Value PSV ₅₅	EN 1097-8
Resistance to Surface Abrasion	Category AAV ₁₀	EN 1097-8
Resistance to Wear	Category M _{DE 20}	EN 1097-1
Resistance to abrasion from studded tyres	Category NPD	EN 1097-9
Water absorption	Category WA _{24 2}	EN 1097-6
Resistance to freezing and thawing	Category MS ₁₈	EN 1367-2
Resistance to Thermal Shock	Declared Value NPD	EN 1367-5
Sonnenbrand of Bassalt	Category NPD	EN 1367-3
Coarse lightweight contaminators	Category NPD	EN 1744-1
Dicalcium silicate disintegration of air-cooled blastfurnace slag	Pass / Fail NPD	EN 1744-1
Iron disintegration of air-cooled blastfurnace slag	Pass / Fail NPD	EN 1744-1
Volume stability of steel slag aggregates	Category NPD	EN 1744-1
Emission of radioactivity	Threshold Value NPD	I.S. EN 13043
Release of heavy metals	Threshold Value NPD	I.S. EN 13043
Release of polyaromatic carbons	Threshold Value NPD	I.S. EN 13043
Release of other dangerous substances	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 09/03/2017





0050-CPR-0591

Kilsaran Concrete
Piercetown, Dunboyne Co. Meath
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0050-CPR-0591

I.S. EN 13043:2002

Aggregates for bituminous mixtures

20/31.5 (28mm)

Ballinascorney Quarry, Brittas, Co Dublin

BA/50361

Particle size	Designation	20/31.5 Gc 85-35
Particle shape	Category	NPD
Particle density	Declared Value	2.8 Mg/m ³
Aggregate Type		Dolerite / Greywacke
Cleanliness Fines content	Category	F ₄
Fines quality	Category	MB _F NT
Affinity to bituminous binders	Declared Value	NPD
Percentage of crushed and broken surfaces	Category	C _{100/0}
Resistance to fragmentation/crushing	Category	LA ₂₀
Resistance to polishing/abrasion/wear		
Polished Stone Value	Declared Value	PSV ₅₅
Aggregate Abrasion Value	Category	AAV ₁₀
Resistance to wear	Category	M _{de} 20
Volume Stability		
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
Emmission of Radioactivity	Declared Value	NPD
Release of heavy metals	Declared Value	NPD
Release of polyaromatic carbons	Declared Value	NPD
Release of other dangerous substances	Declared Value	NPD
Durability against freeze/thaw	Category	MS ₁₈
Water absorption	Category	WA ₂₄ 2
Durability against weathering	Category	NPD
Durability against studded tyres	Category	NPD
Durability against thermal shock	Declared Value	NPD
Sonnenbrand of Bassalt	Category	NPD