NCC

NCC INDUSTRY AB
Stenungsund
Gröteröd 101
444 95 Ödsmål
Tel: 0522-64 96 61

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1162

SS-EN 13043

Aggregates for bituminos mixtures and surface treatments
for road, airfield and other trafficked areas
Stenungsund - 8/11 - 13043 - CPR - 2024-03-22

8/11, SS-EN 13043
05
1162-CPR-0894

Particle shape, size and density	
Aggregate size	8/11
Grading	G_C 85/20 , G_{NR} 0
Flakiness index	FI_{15}
Shape index	SI_{NR}
Particle density	2,61-2,71 Mg/m3
Cleanliness	
Fines content	f_1
Fines quality, sand equivalent values	$SE10_{NR}$
Fines quality, methylene blue values	NR, NPD
Percentage of chrushed and broken particles	C_{NR}
Affinity to bituminous binders	NR, NPD
Resistance to fragmentation/chrusing	LA_{25}
Resistance to polishing/abrasion/wear/attrition	
Resistance to polishing for surface coarse	PSV_{NR}
Resistance to surface abrasion	NR, NPD
Resistance to wear	M_{DE} 10
Volume stability of blast furnace and steel slag	
Dikalciumsilicate disintegration,blast furnace slag	NR, NPD
Iron disintegration, blast furnace slag	NR, NPD
Volume stability of steel slag	NR, NPD
Composition/content	
Petrographic description	Granit/Granodiorit
Emission of radioactivity	
Activity index	<1
Radium concentration (Bq/kg)	NR, NPD
Dangerous substances	
Release of heavy metals	NR, NPD
Release of polyaromatic hydrocarbons	NR, NPD
Releas of other dangerous substance	NR, NPD
Durability	
Magnesium sulfate soundness of coarse aggregates	NR, NPD
Waterabsorption	NR, NPD
Freeze-thaw resistance	NR, NPD
Resistance to freezing and thawing in presence of salt (extreme conditions)	NR, NPD
"Sonnenbrand" of basalt	NR, NPD
Durability against studded tyres	A_N 14
Durability against thermal shock	NR, NPD

Date of creation:	2024-03-22	Other comments:	Micro Deval och LA provad på 10/14.
Version nr:	2.7		
Created by:	Andréas Reinholdsson		

NR = No Requirement　　　*NPD = No Performance Determined*

1. Unique identification code of the product-type:

   8/11, SS-EN 13043

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

   Aggregates for bituminos mixtures and surface treatments for road, airfield and other trafficked areas
   8/11

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

   Aggregates for bituminos mixtures and surface treatments for road, airfield and other trafficked areas
   SS-EN 13043

4. Name, registered trade name or registered trade mark and contact adress of the manufacturer as required under Article 11(5):

   NCC INDUSTRY AB
   Stenungsund
   Gröteröd 101
   444 95 Ödsmål
   Tel: 0522-64 96 61
   Email: andreas.reinholdsson@ncc.se

5. Where applicable name and contact adress of the authorised representative whose mandate covers the tasks specified in Article 12(2):

   Andréas Reinholdsson
   NCC INDUSTRY AB
   Gröteröd 101
   444 95 Ödsmål
   Sverige
   Tel: 0522-64 96 61
   Email: andreas.reinholdsson@ncc.se

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

   Nivå 2+

7. The declaration of performance of a construction product covered by a harmonized standard:
   Notified Body for certifering of production control has performed the initial inspection of the factory, along with control, continuous monitoring, assessment and evaluation of factory production control. They have also drawn certificate of conformity of the factory production control.

   Notified Body for the factory: 1162

8. Declared performance.

Essential Characteristic	Performance	Method	Harmonized standard
Particle shape, size and density			
Aggregate size	8/11	SS-EN 933-1	
Grading	G_C 85/20 , G_{NR} 0	SS-EN 933-1	
Flakiness index	FI_{15}	SS-EN 933-3	
Shape index	SI_{NR}	SS-EN 933-4	
Particle density	2,61-2,71 Mg/m3	SS-EN 1097-6	
Cleanliness			
Fines content	f_1	SS-EN 933-1	
Fines quality, sand equivalent values	$SE10_{NR}$	SS-EN 933-8	
Fines quality, methylene blue values	NR, NPD	SS-EN 933-9	
Percentage of chrushed and broken particles	C_{NR}	SS-EN 933-5	
Affinity to bituminos binders	NR, NPD	SS-EN 12697-11	
Resistance to fragmentation/chrusing	LA_{25}	SS-EN 1097-2	
Resistance to polishing/abrasion/wear/attrition			
Resistance to polishing for surface coarse	PSV_{NR}	SS-EN 1097-8	
Resistance to surface abrasion	NR, NPD	SS-EN 1097-8	
Resistance to wear	M_{DE} 10	SS-EN 1097-1	
Volume stability of blast furnace and steel slag			
Dikalciumsilicate disintegration, blast furnace slag	NR, NPD	SS-EN 1744-1	
Iron disintegration, blast furnace slag	NR, NPD	SS-EN 1744-1	
Volume stability of steel slag	NR, NPD	SS-EN 1744-1	
Composition/content			
Petrographic description	Granit/Granodiorit	SS-EN 932-3	SS-EN 13043
Emission of radioactivity			
Activity index	<1		
Radium concentration (Bq/kg)	NR, NPD		
Dangerous substances			
Release of heavy metals	NR, NPD		
Release of polyaromatic hydrocarbons	NR, NPD		
Release of other dangerous substance	NR, NPD		
Durability			
Magnesium sulfate soundness of coarse aggregates	NR, NPD	SS-EN 1367-2	
Waterabsorption	NR, NPD	SS-EN 1097-6	
Freeze-thaw resistance	NR, NPD	SS-EN 1367-1	
Resistance to freezing and thawing in presence of salt (extreme conditions)	NR, NPD	SS-EN 1367-6	
"Sonnenbrand" of basalt	NR, NPD	SS-EN 1367-3	
Durability against studded tyres	A_N 14	SS-EN 1097-9	
Durability against thermal shock	NR, NPD	SS-EN 1367-5	

9. Not applicable

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Site Manager Andréas Reinholdsson
(name and function)

Stenungsund 2024-03-22
(place and date of issue)

(electronically issued signature)

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Version nr: 2.7
Created by: Andréas Reinholdsson