

1505

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Place of production: Brekke Stenbrud, 1745 Halden, Norway

Valid from: 25 March 2024

Producer: BG Stone A/S, Fabrikvej 12, 8800 Viborg

Replaces: 13 July 2023

Description material: 4/16 mm E Granite aggregate

Declarations number: CB704166

Exposure classes: XD2, XD3, XS3, XF4, XA3

Item No.: 10166

Description production: Blasted, crushed and sorted by screening

Certificate number.: 1505-CPR-CB704

Properties in accordance with EN 12620

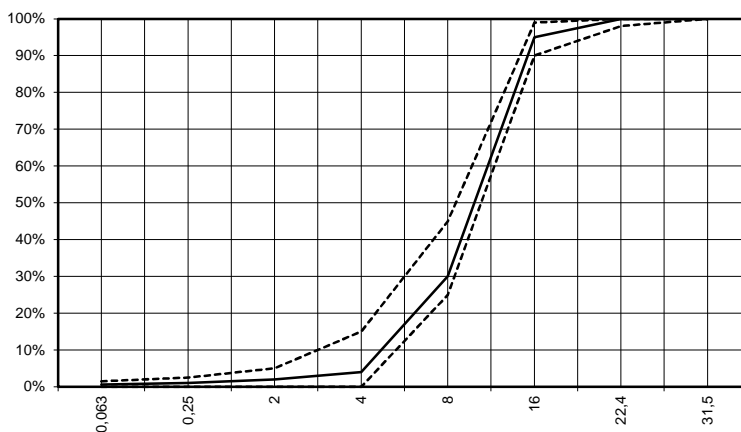
Test method	Min.	Max.	Average	Particle size		
EN 1744-1	Acids soluble sulphate	0,20%	0,066%	Grading	Gc90/15	
EN 1744-1	Total sulfur	1,00%	0,014%	Fines content	f ₁₅	
EN 1367-4	Drying shrinkage	0,075%	0,041%	Grading mid-size	G _r 17,5	
EN 1097-6	Particle density, Mg/m ³ , ssd	2,62	2,66	2,63	Particle density, Mg/m ³ , ssd	2,63
EN 1097-6	Water absorption	0,1%	0,4%	0,3%	Composition/contents	
EN 1367-1	Freeze/thaw	1%	0,1%	0,1%	Acid-soluble sulphate	AS _{0,2}
					Total sulfur	0,014%
					Volumstability	
					Drying shrinkage	0,041% WS
EN 932-3	Petrography	Monzo granite	99,5%	Resistance to freeze/thaw	F ₁	
EN 932-3	Petrography	Pegmatite	0,5%			

Properties in accordance with EN 12620 and DS/EN 206 DK NA: Annex E

Test method	Min.	Max.	Average	Resistance against Alkali-Silica reactivity		
ASTM C1260	Accelerated Mortar-Bar Method	0,10%	0,027%	0,027%	Resistance against Alkali-Silica reactivity	
Quantab	Chloride content	0,010%	0,000%	0,000%	Composition/contents	
Calculated	Eq. Content of alkali	0,009%	0,000%	0,000%	Water absorption	WA ₂₄ 0,3%
					Chlorides	< 0,003% Cl

EN 933-1 Particle size distribution

Sieve	Min.	average	Max.
31,5	100%	100%	100%
22,4	98%	100%	100%
16	90%	95%	99%
8	25%	30%	45%
4	0%	4%	15%
2	0%	2%	5%
0,25	0,0%	1,0%	2,5%
0,063	0,0%	0,6%	1,5%



Attestation of the constancy of performance



FPC Certificate, 1505-CPR-CB704, iht. EN 12620 + A1: 2008
 Produktcertifikat CB704, iht. DS/EN 206 DK NA: 2023 Annex E

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