

Place of production: Brekke Stenbrudd, 1745 Halden, Norway

Validity: 26 June 2020

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

Replacement for: 17 June 2019

Description material: 16/32 mm Granite aggregate E

Item/declarationsnumber: 10173

Description produktion: Blasted, crushed and sorted by screening

Certificate number.: 0615-CPR-9771

Properties in accordance with EN 12620

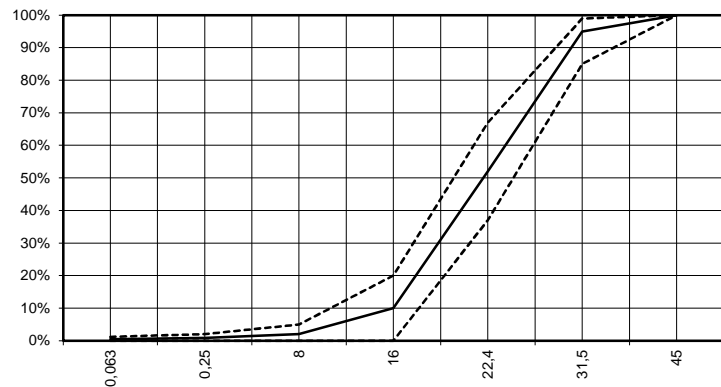
Test method	Min.	Max.	Average	Particle size	16/32
EN 1744-1 Acids soluble sulphate		0,20%	< 0,1 %	Grading	Gc85/20
EN 1744-1 Total sulfur		1,00%	< 0,1 %	Fines content	f <sub>1,5</sub>
EN 1367-4 Drying shrinkage		0,075%	0,041%	Particle density, Mg/m <sup>3</sup> , ρ <sub>SSD</sub>	2,64
EN 1097-6 Particle density, Mg/m <sup>3</sup> , ρ <sub>SSD</sub>	2,62	2,66	2,64	Composition/contents	
EN 1097-6 Water absorption	0,1%	0,4%	0,2%	Clorides	< 0,003% Cl
EN 1367-1 Freeze/thaw		1	0,13%	Acid-soluble sulphate	AS <sub>0,2</sub>
Quantab Chloride content		0,003%	0,000%	Total sulfur	< 0,1 %
EN 932-3 Petrography (description)			99,5%	Volumstability	
EN 932-3 Petrography (description)			0,5%	Drying shrinkage	0,041% WS
				Resistance to freece/thaw	F <sub>1</sub>

Properties in accordance with EN 12620 and DS/EN 206 DK NA: Bilag 1

Test method	Min.	Max.	Average	Resistance against Alkali-Silica reactivity	0,03%
ASTM C1260 Accelerated Mortar-Bar Method		0,10%	0,03%	Water absorption	WA <sub>24</sub> 0,2
Calculated Eq. Content of alkali		0,003%	0,000%		

EN 933-1 Particle size distribution

Sigte	Min.	Middel	Max.
45	100%	100%	100%
31,5	85%	95%	99%
22,4	37%	52%	67%
16	0%	10%	20%
8	0%	2%	5%
0,25	0,0%	0,9%	2,0%
0,063	0,0%	0,5%	1,2%



\* CE-Declaration of conformity:

Aggregates for concrete is produced under system 2+, in accordance with FPC and in accordance with EN 12620 annex ZA, certified and continuously monitored by Bureau Veritas Certification reg. number 0615.

The aggregate also complies with requirements in DS/EN 206 DK NA: Bilag E, which is also monitored by Bureau Veritas Certification.

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