



### Incinerator Bottom Ash Aggregate 0/11

Complies to NEN-EN 12620 and (draft) CUR-Recommendation XX (Bewerkte AVI-bodemas als toeslagmateriaal in beton / Processed Incinerator Bottom Ash as Aggregate for Concrete).



**Heros / Inashco**  
  
**Oostkade 5**  
**4541 HH Sluiskil**



**EN 12620**

4.3 Grading

Sieve size according to ISO 565:1990 R 20	Limits and tolerances (percentage passing by mass) conform EN 12620			90% of the analysis meet the limiting values for the percentage passing by mass:
	General	Average	Limiting value to Average	
11,2	90-99	99		99
8		95		93-97
5,6	50-90	78		65-85
4		60		
2	20-60	44		30-55
1		20		
0,5		9		
0,25		7		

EN 12620	CUR		EN 12620	CUR XX
4.3		Category	G <sub>A</sub> 90	
5.5	3.2	Particle density	>2000 kg/m <sup>3</sup>	>2000 kg/m <sup>3</sup>
5.5	3.2	Water absorption	ca 10%(m/m)	
5.7.3		Durability against alkali-silica reactivity	NPD	
6.2	3.2	Chlorides		< 0,25 %(m/m)
6.3.1	3.2	Acid soluble sulphates	AS <sub>Declared</sub>	≤1,5%(m/m)
6.4.1	3.2	Constituents which alter the rate of setting and hardening of concrete		Complies (<120min.)
	3.2	Alkali-content (Na <sub>2</sub> O-eq)		≤0,2%(m/m)
	3.2	Amount of metallic Al+Zn		≤1% (m/m)
	3.2	Loss on ignition		≤5%(m/m)

**Additional information**

Eural

Not containing dangerous substances: Euralcode 19 01 12

**Declaration**

The undersigned declare, on behalf of **Inashco B.V.**: Boezembocht 23, 3034 KA Rotterdam and **Heros B.V.**, Oostkade 5, 4541 HH Sluiskil that the above specified aggregate, produced on the location Sluiskil, meets the requirements in EN 12620 for the properties mentioned in table ZA.1a in Annex ZA - EN 12620 and the requirements in (draft) CUR-Recommendation XX (Bewerkte AVI-bodemas als toeslagmateriaal in beton / Processed Incinerator Bottom Ash as Aggregate for Concrete), as mentioned in table 3.2. for applications in unreinforced concrete.

\*) It is to be expected that this CUR-Recommendation will be published in Q-4 -2011.

Rotterdam, Sluiskil May 27, 2011

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