

PRODUCT DATASHEET: GRIPSTONE® 4/8

REFERENCES

SPECIFICATION	DESCRIPTION AND USE
EN12620:2002 + A1:2008	Artificial aggregate of industrial origin 0/4 Aggregates for concrete.
EN 13043:2002/AC:2004	Artificial aggregate of industrial origin 0/4 Aggregates for bituminous mixtures and surface treatments for roads, airfields and other trafficked areas.
EN13242:2002 + A1:2007	Artificial aggregate of industrial origin 0/4 Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction.

CHEMICAL AND MINERALOGICAL COMPOSITION

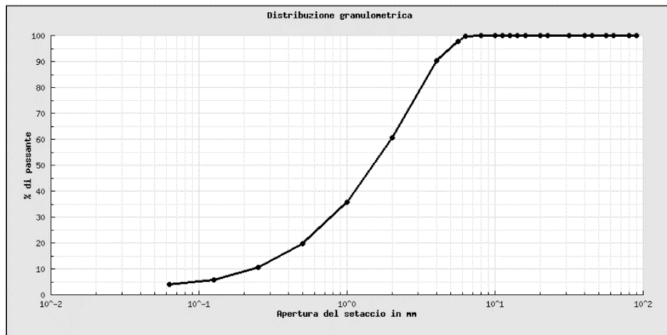
Elements expressed as oxides (% by weight from XRF analysis) and mineralogical phases present (from XRD analysis).

Gehlenite [Ca ₂ Al ₂ SiO ₇]
Wüstite [FeO]
Calcium silicate [Ca ₂ SiO ₄] and calcium magnesium silicate [Ca ₇ Mg (SiO ₄) ₄]
Spinel (chromite [FeCr ₂ O ₄]/ magnetite [FeFe ₂ O ₄])
Manganese oxide [Mn ₃ O ₄]

	SiO ₂ + Al ₂ O ₃ (w/w%)	CaO + MgO (w/w%)	FeO _n + MnO (w/w%)
Min.	10	24	15
Max.	38	55	64

MECHANICAL AND DIMENSIONAL CHARACTERISTICS (annual average values)

Particle size analysis according to UNI EN 933-1:2012 (% cumulative mass passing through)



Sieve opening size (mm)	Fraction of mass retained (%)	Cumulative mass passing through (%)
10	0	100
8	6	94
6.3	35	59
5.6	33	26
4	19	7
2	7	0
0.250	0	0
0.125	0	0

STANDARD PACKAGING

Loose material in open-air piles.

PRODUCT REGISTRATION AND DOCUMENTATION

The black slag, from which GRIPSTONE® is obtained, is registered with REACH under no. 01-2119485979-09-0056. GRIPSTONE® holds the EPD, the CE marking certificate and the Declaration of Performance.

