

## PRODUCT DATASHEET: GRIPSTONE® 8/16

### 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

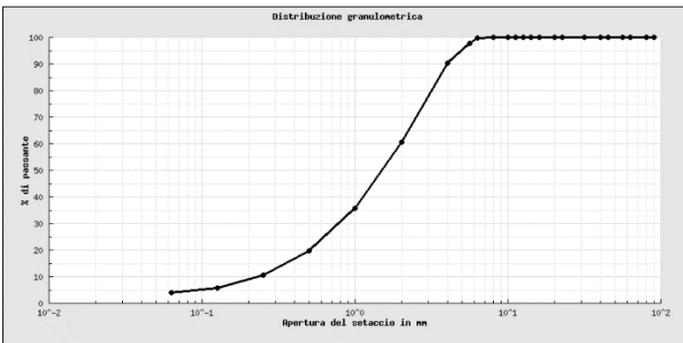
Elements expressed as oxides (% by weight from XRF analysis) and mineralogical phases present (from XRD analysis).

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

	SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub> (w/w%)	CaO + MgO (w/w%)	FeO + 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 (%)
20	0	100
16	6	94
14	25	69
12.5	28	41
11.2	15	26
10	14	12
8	10	2
0.125	2	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.

