

## TECHNICAL DATA AND PROPERTIES

### veriso Blähglasschotter Ground Store

application area:  
Lightweight, load-bearing bulk material for application in traffic route engineering

Particle size distribution	EN 933-1	10 - 63	mm
Bulk density, dry <sup>(1)</sup>	EN 1097-3	238 - 262	kg/m <sup>3</sup>
max. water absorption at 15% compression	Factory spec.	≤ 55	M %
max. water absorption per individual particle	EN 1097-6	≤ 35	M %
Water permeability in the bulk material after 15 % compression <sup>(2)</sup>	EN 18130-1	≥ 0,001	m/s
Bulk density of individual particle <sup>(3)</sup>	EN 1097-6	0,320 - 0,400	g/cm <sup>3</sup>
Percentage of broken grains	EN 933-5	C <sub>100/0</sub>	/
Unconfined compressive strength of individual particle <sup>(4)</sup>	EN 17892-7	≥ 3,50	N/mm <sup>2</sup>
Unconfined compressive strength with transverse strain prevented, static load 10 % compression in the cylinder	EN 13055-1A	≥ 500	kPa
With cyclic loading <sup>(5)</sup>	Factory spec.	≤ 60	mm
Stiffness behavior [E <sub>s</sub> ] dependent on compression	Factory spec.	≥ 22000	kPa
Shear parameters for internal friction	Factory spec.	42 - 45	°
Grain strength after exposure to heat of 200°C <sup>(6)</sup>	EN 1367-5	V <sub>sz</sub> ≤ 5	M %
Capillary water suction height	EN 1097-10	≤ 20	mm
Freeze-thaw-resistance	resistant when installed in accordance with the application		
Environmental sustainability	LAGA Z0 / TL Gestein		

#### The technical data and properties meet the requirements of:

Konformität zur DIN EN 13055-2 / 2004

According to TLC SoB - StB



When handling and processing veriso Blähglasschotter, the manufacturer's processing instructions and safety data sheet in their current version must be observed.

The manufacturer is responsible for changes to technical information, service descriptions and other relevant information without further notice if it is for the improvement of the product or the result achieved with the product.

(1) Proportion of moisture: ≤ 5 M%

(2) Modified application according to specifications from the manufacturer's WPK manual

(3) Modified application according to specifications from the manufacturer's WPK manual

(4) Modified application according to specifications from the manufacturer's WPK manual

(5) Testing in a round test frame with a diameter of 250 mm and a height of 230 mm

(6) Modified application of DIN EN 1367-5 test without watering the sample

