

# TECHNICAL DATA AND PROPERTIES

## veriso Schaumglasschotter LDV

application area:  
load-bearing insulation material under foundation elements / DIN 4108-10 DEO, PB

Particle size distribution	EN 933-1	10 - 60	mm
Bulk density, dry <sup>(1)</sup>	EN 1097-3	130 - 170	kg/m <sup>3</sup>
max. water absorption at 30% compression <sup>(2)</sup>	Factory spec.	≤ 40	M %
max. water absorption per individual particle	EN 1097-6	≤ 10	V %
Bulk density of individual particle <sup>(3)</sup>	EN 1097-6	0,220 - 0,300	g/cm <sup>3</sup>
Unconfined compressive strength of individual particle <sup>(4)</sup>	EN 17892-7	≥ 0,8	N/mm <sup>2</sup>
Unconfined compressive strength with transverse strain prevented at 30% pre-compression and a further 10% compression <sup>(5)</sup>	EN 826	≥ 580	kPa
Rated value of compressive stress	ABZ	275	kPa
Absorbable horizontal stresses	ABZ	≤ 30% of the normal stress	
Thermal conductivity [ $\lambda_{grenz}$ ]	EN 12667	≤ 0,0820	W/mk
Rated value of thermal conductivity	ABZ	0,11	W/mk
Shear parameters for internal friction	Factory spec.	42-45	°
Cohesion (calculation value)	Factory spec.	0,00	kN/m <sup>2</sup>
Capillary water suction height	EN 1097-10	≤ 10	mm
Freeze-thaw-resistance	when used in accordance with the approval Freeze-thaw-resistant		
Fire behavior	EN 4102-1	A1	
Environmental sustainability	LAGA Z0 / LAWA		

**The technical data and properties meet the requirements of:**  
Allgemeiner Bauaufsichtlichen Zulassung (ABZ) in its current version



When handling and processing veriso Schaumglasschotter LDV, 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 fram with a diameter of 250 mm and a height of 230 mm

