

TECHNICAL DATA AND PROPERTIES

veriso Schaumglasschotter LFV

application area:
lightweight, load-bearing aggregates in loose or bound form
technical data apply to the unbound aggregate

| | | | |
|--|--|-----------------------------|-------------------|
| Particle size distribution | EN 933-1 | 10 - 63 | mm |
| Bulk density, dry ⁽¹⁾ | EN 1097-3 | 130 - 170 | kg/m ³ |
| max. water absorption at 30% compression | Factory spec. | ≤ 40 | M % |
| max. water absorption per individual particle | EN 1097-6 | ≤ 10 | V % |
| Water permeability in the fill after 30% compression ⁽²⁾ | EN 18130-1 | ≥ 0,001 | m/s |
| Bulk density of individual particle ⁽³⁾ | EN 1097-6 | 0,220 - 0,320 | g/cm ³ |
| Unconfined compressive strength of individual particle ⁽⁴⁾ | EN 17892-7 | ≥ 0,80 | N/mm ² |
| Unconfined compressive strength with transverse strain prevented at 30% pre-compression and a further 10% compression ⁽⁵⁾ | EN 826 | ≥ 580 | kPa |
| Rated value of compressive stress | Factory spec. | ≤ 30 % of the normal stress | |
| Stiffness behavior [E _s] depending von compression | Factory spec. | ≥ 12000 | kPa |
| Shear parameters for internal friction | Factory spec. | 42 - 45 | ° |
| Cohesion (calculation value) | Factory spec. | 0 | kN/m ² |
| Capillary water suction height | EN 1097-10 | ≤ 10 | mm |
| Freeze-thaw-resistance | Installation in groundwater areas and water-bearing layers conditionally permissible | | |
| Fire behavior | EN 4102-1 | A1 | |
| Environmental sustainability | according to GFS-LAWA (compared to attachment I-D.1) | | |
| Water permeability coefficient according to DIN 18130 | degree of compression 1,3:1 → k _f -Wert = 10 ⁻² to 10 ⁻³ | | |

The technical data and properties meet the requirements of:
Konformität zur DIN EN 13055-2 / 2004



When handling and processing veriso Schaumglasschotter LFV, 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