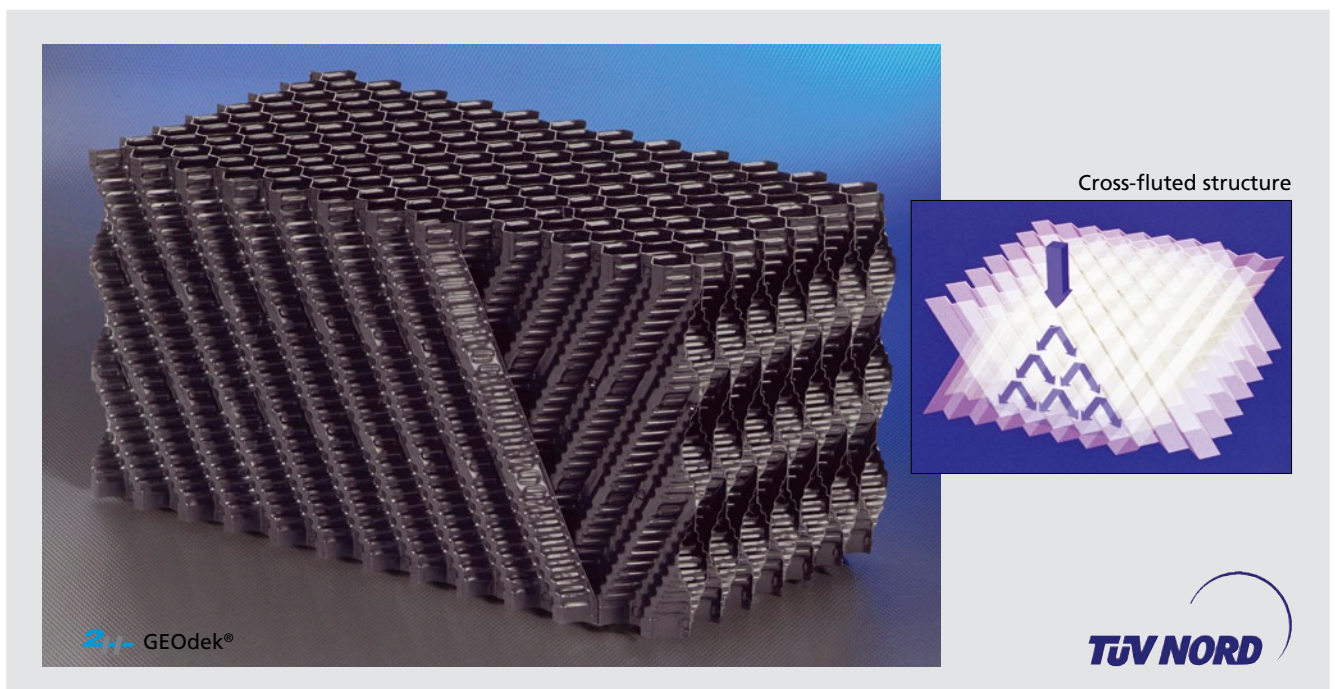


Product Profile

Fill media for storm water infiltration GEOdek®



- ✓ Seven GEOdek®-types for economical and eco-friendly material usage
- ✓ Traffic load PKW 3 up to SLW 60
- ✓ Void ratio >97%
- ✓ Easy and quick installation
- ✓ Highest quality standards
- ✓ TÜV and BBA certified
- ✓ GEOdek®-design program for static dimensioning of the infiltration system

Fill media for storm water infiltration

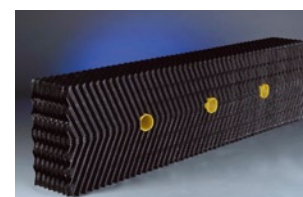
GEOdek®

Technical Data

2H Type	GEOdek® Type A	GEOdek® Type B	GEOdek® Type C	GEOdek® Type D	GEOdek® Type E	GEOdek® Type F	GEOdek® Type G
Material	PP	PP	PP	PP	PP	PP	PP
Volume weight [kg/m³]	27	35	40	45	50	60	65
Nominal strength (long-term strength) in main load-bearing direction without holes*	38.5	73.6	88.4	110.0	134.6	153.6	168.7
Nominal strength (long-term strength) in secondary load-bearing direction without holes*	14.0	23.7	31.8	40.5	50.1	69.0	83.7
Void ratio [%]	> 97	> 97	> 97	> 97	> 97	> 97	> 97
Color coding	white	green	red	yellow	gold	blue	silver
Max. application temp. [°C]	80	80	80	80	80	80	80

*The effects of creep behavior and the required safety values are considered in these data. The total reduction factor is 2.25.

- Load capacity: car accessible up to truck accessible SLW 60
- Standard dimensions of the blocks: 2400 mm x 325 mm x 600 mm (L x W x H)
Length: any dimensions < 2400 mm are possible
Width: divisions in accordance to grid pattern 20 up to a total width of 600 mm
Height: 300 mm or 600 mm
- The blocks are available without or with holes to permit transverse distribution of water.
Optional sizes of the holes are 100 mm or 160 mm.
Not more than one hole over a block length of 800 mm. Three holes max. over a block length of 2400 mm.



GEOdek® infiltration boxes with crossflow holes

For the static design of an infiltration system we provide our GEOdek®-design program.

General Remarks

- PP-material: Impact-resistant, environmentally friendly, resistant to rot, fungi and most dissolved chemicals, UV-stabilized.
- High temperature applications: Fill media in high-temperature version in PP up to 100 °C available on request.
- Flammability: Products in flame retardant version according to American and European standards available on request. National regulations on fire protection should be taken into consideration before choosing a product.
- Weight and bearing capacity: Bearing capacity and weight/m3 depend on sheet thickness. It will be selected according to customer specification in consideration of process conditions and safety factors for temperatures, lifetime and material properties.
- Max. tolerances: On all dimensions +/- 20 mm or 2 %, whichever is the greater. Tighter tolerances by prior agreement.

This information has been put together with greatest care. However, any performance data given in this leaflet is subject to compliance with certain surrounding conditions and hence may vary from case to case. Further, we reserve the right to make changes at any time without notice. We strongly recommend (i) reconfirmation with GEA 2H whether this information is still fully valid, before using it for final designs and (ii) to verify performance data taking into account the actual surrounding conditions. GEA 2H takes no responsibility for any consequences due to non-compliance with these recommendations.



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