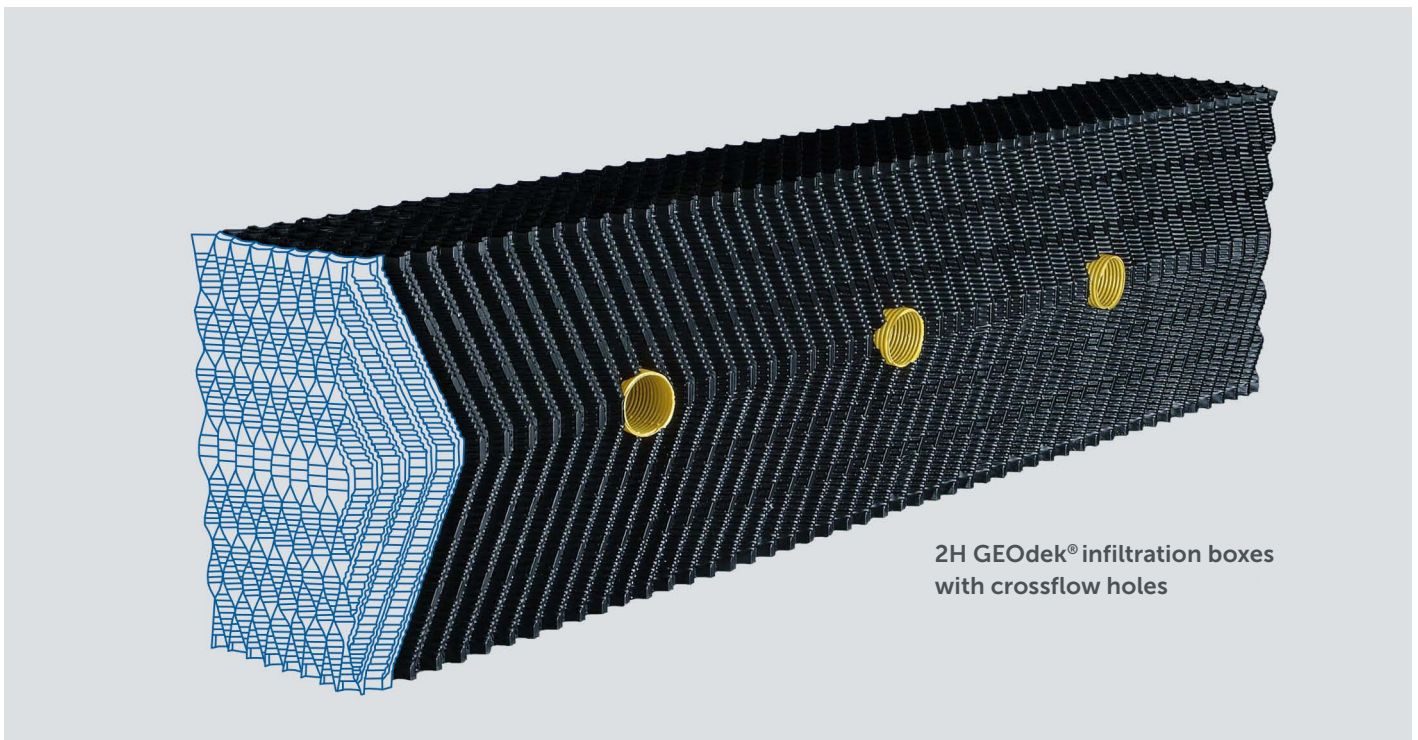


## 2H GEOdek®

Fill media for storm water infiltration



2H GEOdek® offers decentralised, tailor-made solutions for stormwater infiltration and retention. The infiltration boxes store excess stormwater and release it afterwards.

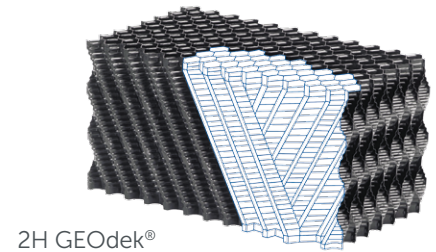
Made from Polypropylene, they exhibit exceptional strength and are resistant to all chemicals normally found below ground. GEOdek® can be used under sealed surfaces such as streets and parking lots. 7 standard types cover requirements for different types of loads.

### Features of our 2H GEOdek® Fill Media

- Traffic load PKW 3 up to SLW 60
- Void ratio > 97 %
- Easy and quick installation
- Highest quality standards
- TÜV and BBA certified
- 2H GEOdek® design program for static dimensioning of the infiltration system

The technical infiltration with 2H GEOdek® is the preferred solution for sealed surfaces or where natural infiltration capacity is poor.

Technical Data	
	2H GEOdek® Type A - G
Material	PP
Void ratio	> 97 %
Max. application temperature	80 °C



2H GEOdek®

Technical Data				
Type	Volume weight	Nominal strength (long-term strength) kN/m²		Color coding
	kg/m³	in main load-bearing direction / without holes*	in secondary load-bearing direction / without holes*	
2H GEOdek® Type A	27	38,5	14,0	white
2H GEOdek® Type B	35	73,6	23,7	green
2H GEOdek® Type C	40	88,4	31,8	red
2H GEOdek® Type D	45	110,0	40,5	yellow
2H GEOdek® Type E	50	134,6	50,1	gold
2H GEOdek® Type F	60	153,6	69,0	blue
2H GEOdek® Type G	65	168,7	83,7	silver



GEOdek® infiltration boxes are certified by TÜV Nord

\*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:** can be chosen corresponding to the number of foil sheets in steps of 20 mm up to a maximum of 605 mm

**Height:** 300 mm or 600 mm

**Holes:** 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.

**Design of fill weight and bearing capacity:** The required strength of the fill has to consider all influencing parameters and determines the fill weight. This static design procedure for 2H GEOdek® is based on a BBA/TÜV approved design program which we will provide on request.

**PP-material:** Impact-resistant, environmentally friendly, resistant to rot, fungi and most dissolved chemicals, UV-stabilized.

**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.

**Maximum tolerances:** On all dimensions +/- 20 mm or 2 % whichever is the greater. Other tolerances and dimensions 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 us 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. We do not take any responsibility for any consequences due to non-compliance with these recommendations.

ENEXIO Water Technologies GmbH  
2H Components and Solutions  
Dieselweg 5, 48493 Wettringen, Germany  
Phone +49 25 57 / 93 90 0  
Fax +49 25 57 / 93 90 49  
2h.germany@enexio.com  
www.enexio.com



ENEXIO Water Technologies, Germany, is ISO 9001:2008 certified.