



## VERTICAL CONSOLIDATION DRAINAGE

# **GXP DRAIN 5+5 DUO L**

OPTIMUM CONSOLIDATION OF WEAK SOILS AND MORE

## **4** REASONS WHY YOU SHOULD USE **GXP DRAIN 5+5 DUO L:**

Accelerated consolidation of soil with high water saturation in about 6 months

Cheaper compared to other technologies related to the reinforcement and drainage of the substrate

Can be used together with horizontal drainage geocomposites that drain excess water outside the slope area

Possibility to prepare strips from 10 to 15 cm wide and up to 30 meters long

GEOCOMPOSITE

# GXP DRAIN 5+5 DUO L

The product was created by bonding the bi-directional dimpled membrane with a sleeve made of DuPont™ TYPAR® geotextile made of continuous polypropylene fibers. It is an excellent drainage system, removing water from the structure faster than any other drainage system.

## ACCELERATED SOIL CONSOLIDATION TECHNOLOGY

The most modern solution for faster consolidation of excess water in the drainage core structure.

## MOST COMMON APPLICATION:

- ▶ area of viaducts and slopes
- ▶ cubature objects on weak soils
- ▶ expansion joints on bridges
- ▶ degassing of landfill quarters
- ▶ degassing retention tanks

Products individually tailored to the customer!



## TECHNICAL DATA

	600	800
Composite weight	820 g/m <sup>2</sup>	1020 g/m <sup>2</sup>
Compressive strength	430 kN/m <sup>2</sup>	550 kN/m <sup>2</sup>
Height of the dimples	2 x 5 mm	
Membrane thickness	0,65 mm	0,8 mm
Surface weight of the HDPE membrane	600 g/m <sup>2</sup>	800 g/m <sup>2</sup>
Surface mass of PP geotextile	2 x 110 g/m <sup>2</sup>	
Water permeability	i = 1/20 MPa m <sup>2</sup> /s 4,2 x 10 <sup>-3</sup>	
Width	10 cm/ 15 cm	
Temperature resistance	-40 do +80°C	

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