

GXP® DREN 5+5 DUO

NEW: LONGITUDINAL DRAINAGE (STREETS, HIGHWAYS, ARTERIAL ROADS, FOUNDATIONS)

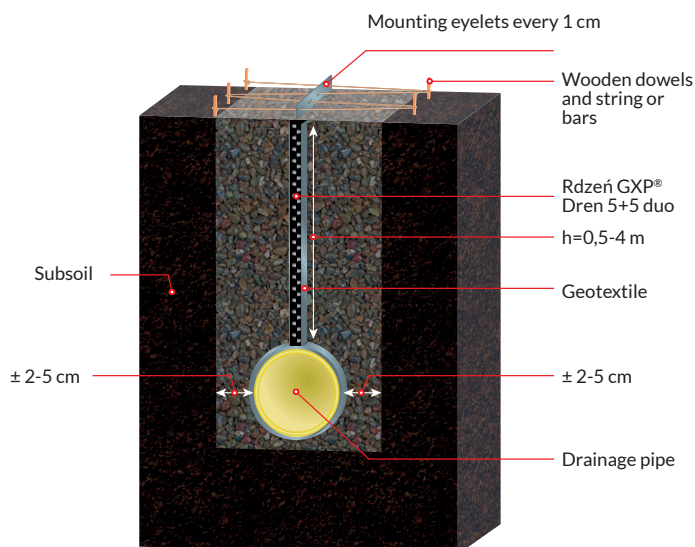
APPLICATIONS AND ADVANTAGES:

APPLICATIONS

The GXP® Dren 5+5 Duo membrane is an innovative product created through welding of a bucket foil with a structure of double embossings with geotextile DuPont™ TYPAR® from continuous polypropylene fibres, welded thermally. This provides the same properties on both sides of the mat and allows an effective longitudinal drainage with the use of pipes of different diameters. In its lower section, the mat is equipped with a special sleeve made of geotextile, used to place and fix the drainage pipe.

ADVANTAGES

- ▶ two-side drainage system
- ▶ combines surface and vertical drainage as well as a linear water removal system
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- ▶ enables removal of large amounts of water without the necessity of building wider ditches
- ▶ ideal for drainage of foundations in vertical systems



TECHNICAL DATA

	600	800
Composite weight	820 g/m ²	1020 g/m ²
Compression strength	300 kN/m ²	400 kN/m ²
Embossing height	2 x 5 mm	
Membrane thickness	600 μm	800 μm
HDPE membrane surface mass	600 g/m ²	800 g/m ²
PP geotextile surface mass	2 x 110 g/m ²	
Drainage capacity	3,30 l/m/s	
Widths	1,0 m/ 1,20 m/ 1,50 m/ 2,0 m	
Temperature resistance	-40 to +80°C	

The sleeve for the installation of a drainage pipe with perimeters adjusted to the pipe diameters 50-200 mm.

CHEMICAL RESISTANCE

It is resistant to chemical substances, fungi, roots and bacteria present in the ground. It is completely neutral to the natural environment.