

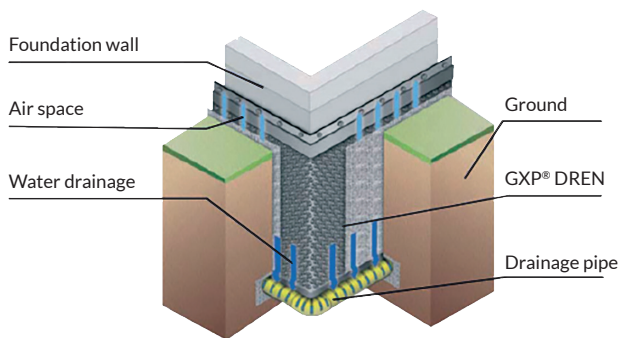
GXP® DREN

INSULATION AND DRAINAGE MAMBRANE

APPLICATIONS AND ADVANTAGES:

APPLICATIONS

The foil pressed from high density polyethylene (HDPE), combined with thermally welded polypropylene geotextile Typar® SF, is assigned for mechanical protection and optimal drainage of foundation walls. The geocomposite GXP® DREN is also perfectly fit for various applications in civil engineering (underground car parks, bridge abutments, terraces, foundations, retaining walls, etc.) as well as for drainage of building constructions.



ADVANTAGES

- ▶ the combination of a bucket membrane with a geotextile provides an excellent drainage layer
- ▶ the reserve of geotextile 5 cm over the membrane prevents penetration of the filling into the system and facilitates overlapping during a horizontal and vertical use.
- ▶ possibility to produce rolls with the length of up to 35 m
- ▶ a properly selected geotextile ensures optimal hydraulic capacity as well as optimal puncture resistance
- ▶ the structure and the embossing densification ensures very good compression strength



EASY AND FAST INSTALLATION

MAINTAINED LINEARITY

100% JOINT LEAKTIGHTNESS

TECHNICAL DATA

	5	6	7	8
Geocomposite weight	600 g/m ²	700 g/m ²	800 g/m ²	900 g/m ²
Compression strength	230 kN/m ²	300 kN/m ²	350 kN/m ²	400 kN/m ²
Emsbossing height	8 mm	8 mm	8 mm	8 mm
HDPE membrane thickness	500 μm	600 μm	700 μm	800 μm
HDPE surface mass	500 g/m ²	600 g/m ²	700 g/m ²	800 g/m ²
Air volume between textile and membrane	5,3 l/m ²	5,3 l/m ²	5,3 l/m ²	5,3 l/m ²
Drainage capacity	2,1 l/s/m 125 l/min/m 7560 l/h/m			
Width	2,0 m, 4,0 m	2,0 m, 4,0 m	2,0 m, 4,0 m	2,0 m, 4,0 m
Temperature resistance	-40 to +80°C			

CHEMICAL RESISTANCE

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

