

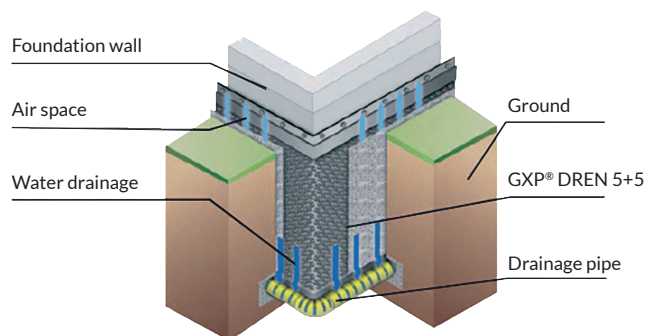
GXP® DREN 5+5

DRAINAGE GEOCOMPOSITE AND FOUNDATION WALL VENTILATION

APPLICATIONS AND ADVANTAGES:

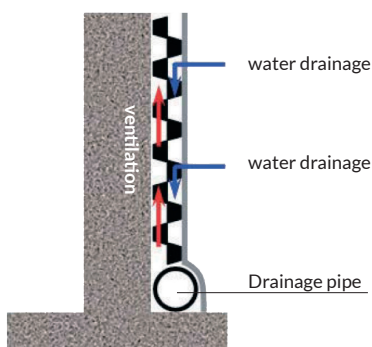
APPLICATIONS

GXP® DREN 5+5 is a combination of a membrane pressed from high density polyethylene (HDPE) with a welded polypropylene geotextile (ref. no. Typar®SF32-40). The geocomposite forms a space constituting a perfect drainage layer and the reserve of geotextile 5 cm over the membrane prevents penetration of the filling into the upper section of the system. A structure of double embossings enables a combination of ventilation functions with water drainage, that is, it ensures optimal ground drainage as well as control of moisture and aeration of the covered surfaces of foundation walls. GXP® DREN 5+5 is applied in civil engineering as well as for drainage of building constructions.



ADVANTAGES

- ▶ very resistant to puncture, compressions and tears
- ▶ high hydraulic capacity
- ▶ facilitates breathing of covered walls
- ▶ increases effectiveness of thermal insulation
- ▶ the high densification of buckets enables a uniform distribution of loads
- ▶ replaces two layers: insulation and drainage, purchased separately



TECHNICAL DATA

Geocomposite weight	740 g/m ²
Compression strength	300 kN/m ²
Embossing height	2 x 5 mm
PEHD membrane thickness	600 μm
PEHD membrane surface mass	600 g/m ²
PP geotextile surface mass	136 g/m ²
Drainage capacity	1,24 l/s/m
	86,4 l/min/m
	5184 l/h/m
Width	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.