

GXP® PLUS N10

THE STRONGEST IN ITS CATEGORY

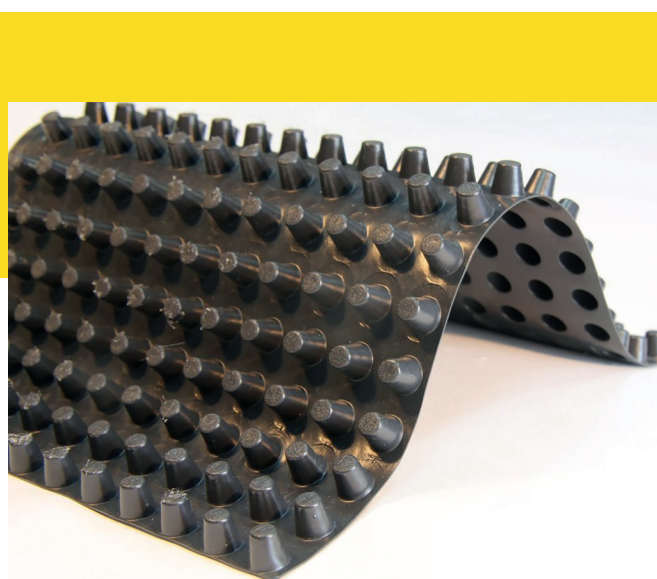
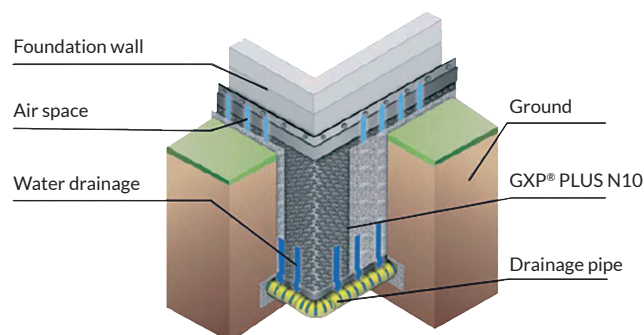
APPLICATIONS AND ADVANTAGES:

APPLICATIONS

The geomembrane GXP® Plus N10 made from high density polyethylene (HDPE) provides the optimal control of humidity and ventilation of covered surfaces of foundation walls, which is ensured by embossing with the compaction of over 3300 items/m². It is especially useful in areas exposed to high ground pressures (e.g. deep foundations, access roads over underground garages).

ADVANTAGES

- ▶ increased compression strength and breakdown strength
- ▶ high ventilation capacity
- ▶ it facilitates breathing of walls and underground structures and increases heat insulation effectiveness
- ▶ it enables a uniform distribution of loads caused by ground pressure
- ▶ it is applied in fire roads



TECHNICAL DATA

Material	Pressed foil HDPE (high density polyethylene)
Roll width	2,0 m
Surface mass	600 g/m ²
Embossing height	20 mm
Number of embossings	approx. 3360 /m ²
Compression strength	400 kN/m ²
Temperature resistance	-40 to +80°C
Air space between buckets	7,9 l/m ²
Drainage capacity (if it's connected with the geotextiles)	4,8 l/s/m 288 l/min/m 17 280 l/h/m

CHEMICAL RESISTANCE

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