INSULATION AND DRAINAGE MEMBRANES

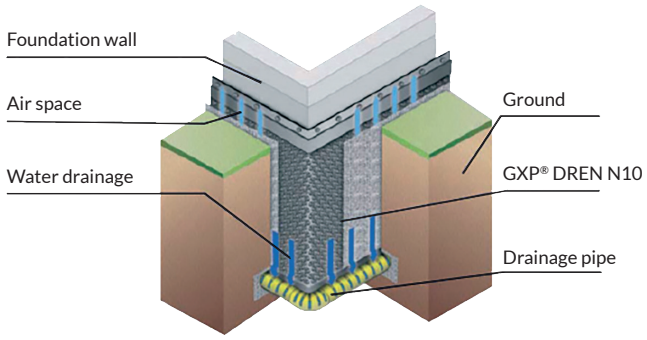
GXP® DREN N10

COMPACT DRAINAGE SYSTEM

APPLICATIONS AND ADVANTAGES:

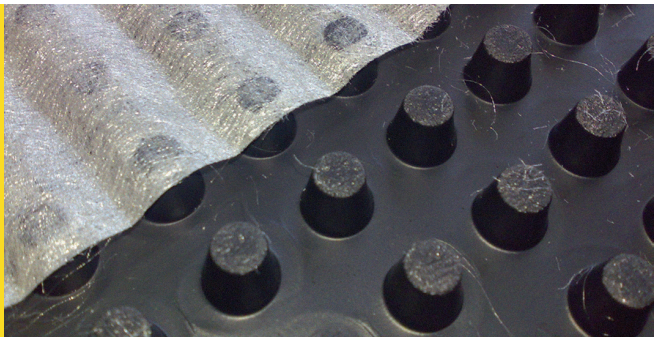
APPLICATIONS

A pressed waterproof foil made from high density polyethylene (HDPE), with the thickness of 0,6 mm and embossing height of 10 mm, thermally joined with filtration geotextile TYPAR® SF, ensures excellent drainage and mechanical protection for underground foundation sections. The compact drainage system GXP® Dren N10 proves ideal in a broad range of applications, such as basements, underground car parks, roads and green roofs.



ADVANTAGES

- excellent compression strength > 400 kN/m²
- outstanding drainage properties, 50 % higher than in the GXP® DREN variant
- excellent filtration of fine ground particles through the geotextile, without the risk of silting-up
- ensures increased ventilation through a constant empty space
- the reserve of geotextile 5 cm over the membrane prevents penetration of the filling into the system
- perfectly fit for various solutions in civil engineering and for drainage of building constructions



GXP N10 DREN PLUS

A variant integrated with the PE foil, with the thickness of 0,2 mm. Assigned for drainage and protection of foundation walls, when bituminous self-adhesive membrane insulation is applied. GXP Dren N10 ensures the possibility of moving the protective drainage mat, without the risk of it being torn from the wall.

TECHNICAL DATA

Composite weight	736 g/m²
Compression strength	400 kN/m²
Embossing height	10 mm
Membrane thickness	600 µm
HDPE membrane surface mass	600 g/m²
Air volume between textile and membrane	7,9 l/m²
Drainage capacity	3,5 l/m/s
Width	2,0 x 12,5 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.

GRILTEX®