

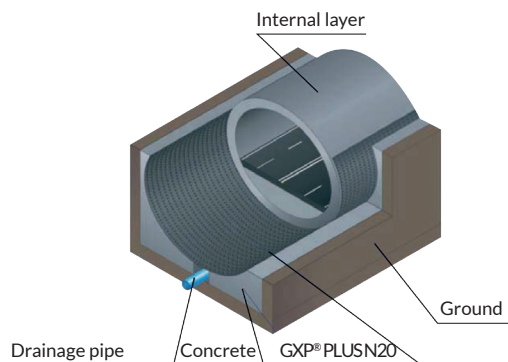
# GXP<sup>®</sup> PLUS 20

VERY DURABLE MEMBRANE

## APPLICATIONS AND ADVANTAGES:

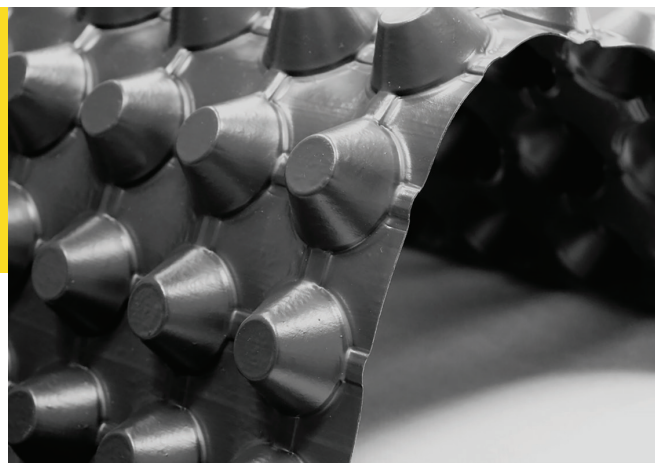
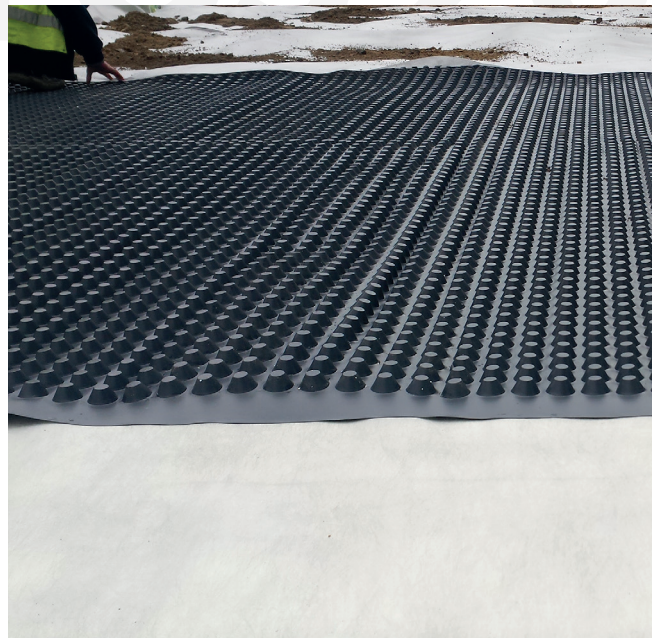
### APPLICATIONS

The GXP<sup>®</sup> Plus 20 membrane produced from high density polyethylene (HDPE), with the basis weight of 800 - 1200 g/m<sup>2</sup>, is assigned for green roofs, as well as mechanical and hydraulic protection of tunnels or other underground constructions with an increased water flow.



### ADVANTAGES

- ▶ very resistant to compression and puncture owing to buckets in the shape of a truncated cone
- ▶ enables uniform distribution of loads owing to high densification of buckets (400 items/m<sup>2</sup>)
- ▶ increased air space between embossings improves thermal insulation
- ▶ during horizontal installation, limits capillary water rising, directs and removes water from downpipes (of the collector)



### TECHNICAL DATA

	800	1000
Weight	800 g/m <sup>2</sup>	1000 g/m <sup>2</sup>
Material thickness	0,8 mm	1,0 mm
Compression strength	160 kN/m <sup>2</sup>	200 kN/m <sup>2</sup>
Embossing height	20 mm	20 mm
Number of embossings	400 per m <sup>2</sup>	400 per m <sup>2</sup>
Air space between buckets	14 l/m <sup>2</sup>	14 l/m <sup>2</sup>
Drainage capacity (if it's connected to the geotextile)	8 l/s/m 480 l/min /m 28800 l/h/m	8 l/s/m 480 l/min /m 28800 l/h/m
Width	2,0 m i 4,0 m	2,0 m i 4,0 m
Temperature resistance	-40 to +80°C	-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.