

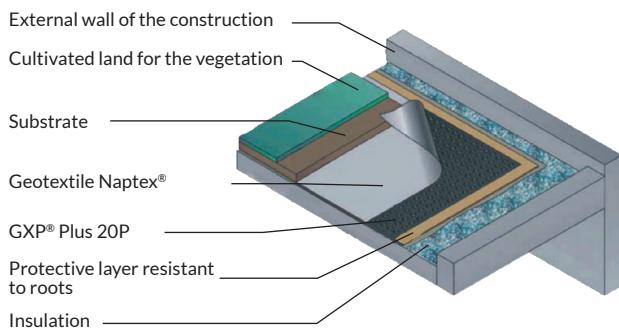
GXP[®] PLUS 20P PERFORATED

WATER RESERVOIR FOR ROOFS AND TERRACES

APPLICATIONS AND ADVANTAGES:

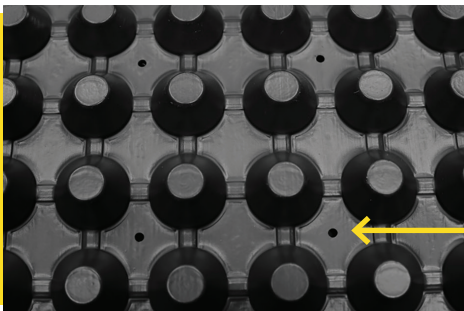
APPLICATIONS

The membrane GXP[®] Plus 20 P is produced from high density polyethylene (HDPE), with the basis weight of 1000 g/m². It is created especially for flat surfaces covered with vegetation. The membrane ensures unique properties when the buckets are directed with their apertures up, owing to which they play the role of micro-containers regulating the accumulation of water in the rooting system (in a plant-covered ground), and at the same time increasing the heat insulation of the system and limiting the heat accumulation.



ADVANTAGES

- ▶ high resistance to compression and puncture
- ▶ simultaneous water accumulation and controlled drainage
- ▶ increased heat insulation
- ▶ limited accumulation of heat
- ▶ cost-efficient



PERFORATION

Laying the NAPTEX[®] or TYPAR[®] geotextile between the GXP[®] Plus 20 membrane and the vegetation-covered ground protects from penetration of humus (grit layer) into the chambers and limits the root growth.

TECHNICAL DATA

Weight	1000 g/m ²
Material thickness	1,0 mm
Compression strength	200 kN/m ²
Embossing height	20 mm
Number of embossings	400 per m ²
Diameter of perforation apertures	4,5 mm
Temperature resistance	-40 to +80°C
Air space between buckets	14 l/m ²
Colour	black
Roll dimensions	2,0 x 20 m 4,0 x 20 m
Sheet size	2,5 x 1,2 m
Water accumulation capacity	6 l/m ²
Drainage capacity	10 l/m/s

CHEMICAL RESISTANCE

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