

GXP® DREN 20 P

WATER RESERVOIR FOR ROOFS AND TERRACES

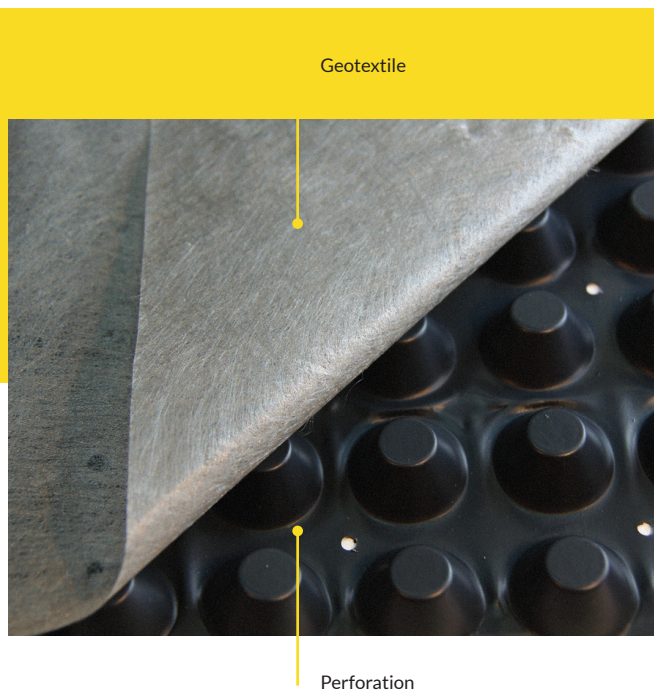
APPLICATIONS AND ADVANTAGES:

APPLICATIONS

GXP® Dren 20 P is a combination of a perforated bucket membrane with geotextile DuPont™ TYPAR®, which constitutes an ideal drainage layer on extensive green roofs, at the same time serving as a filter, a water accumulating tank and a dehydration layer. A durable joint of the perforated bucket membrane with the thermowelded geotextile ensures high easiness during installation at sites as well as accelerates the works.

ADVANTAGES

- ▶ ensures water accumulation for plants (intensive vegetation)
- ▶ very resistant to compression and breakdowns
- ▶ high densification of embossings 400 items/m²
- ▶ increased thermal insulation
- ▶ limited heat accumulation
- ▶ optimal dehydration capacity
- ▶ certified material compliant with norm PN - EN 13252



TECHNICAL DATA

Weight	900 g/m ²	1100 g/m ²
Material thickness	0,9 mm	1,0 mm
Compression strength	160 kN/m ²	200 kN/m ²
Embossing height	20 mm	20 mm
Number of embossings	400 per m ²	400 per m ²
Roll width	2,0 x 12,5 m	2,0 x 10 m
Temperature resistance	-40 to +80°C	-40 to +80°C
Air gap between buckets	14 l/m ²	14 l/m ²
Drainage capacity (if it's connected with the geotextile)	10 l/s /m 600 l /min /m 36000 l /h /m	10 l/s /m 600 l /min /m 36000 l /h /m
Water accumulation capacity	6 l/m ²	6 l/m ²

CHEMICAL RESISTANCE

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