

GXP[®] DREN 40

HIGH DRAINAGE CAPACITY

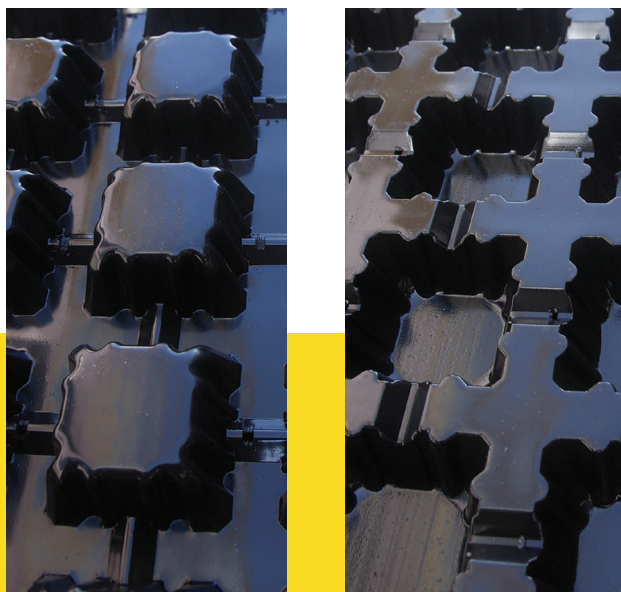
APPLICATIONS AND ADVANTAGES:

APPLICATIONS

The new membrane GXP[®] Dren 40 is a retention and drainage module (HDPE) with high water accumulation and load capacity. For applications in intensive green roof systems. The innovative shape and properly selected mixture of hardened polyethylene HDPE ensure extraordinary retention parameters within its class. It is characterized by a very high compression strength, approx. 400 kN/m² (approx. 850 kN/m² after filling with aggregate) as well as extraordinary water accumulation, approx. 15 liters per square meter.

ADVANTAGES

- ▶ ensures very high water accumulation for plants (intensive vegetation)
- ▶ very high compression strength and breakdown strength
- ▶ increases thermal insulation
- ▶ limits heat accumulation
- ▶ optimal dehydration capacity



TECHNICAL DATA

Material	HDPE
Embossing height	40 mm
Basis weight	2,3 kg/m ²
Material thickness	1,4 mm
Water capacity	15 l/m ²
Number of embossings on the panel	162
Maximal load without filling	400 kN/m ²
Tensile strength	21 kN
Panel dimensions	2 x 1 m / 2 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.