

GXP[®] PLUS B

INNOVATIVE GEOMEMBRANE WITH AN INTEGRATED BUTYL SEAL

APPLICATIONS AND ADVANTAGES:

APPLICATIONS

GXP[®] Plus B membrane, made of high density polyethylene (HDPE), with the basis weight of 500 - 1000 g/m², integrated with a butyl seal already at the production stage.

The solution consists in producing the geomembrane in a process integrated with the process of longitudinal sticking of the butyl seal to the geomembranes, aiming at tightening the geomembrane joints and recesses as well as shortening the mounting time at the place of application. Elimination of the process of sticking the seal during the geomembrane assembly at the construction site.

ADVANTAGES

- ▶ improved tightness owing to a machine integration of the seal at the production stage instead of a manual one at the place of assembly
- ▶ availability in a wide range of parameters - embossing depth - 8, 5+5 or 20 mm.
- ▶ a shorter assembly time
- ▶ a lower involvement of human labour
- ▶ it enables the recipient to develop a competition advantage on the construction works market



TECHNICAL DATA

	0,5	0,6	0,8	1,0	
8mm	Weight	500 +butyl g/m ²	600 +butyl g/m ²	800 +butyl g/m ²	1000+butyl g/m ²
	Material thickness	500 μm	600 μm	800 μm	1000 μm
	Compression strength	230 kN/m ²	300 kN/m ²	400 kN/m ²	500 kN/m ²
	Embossing height	8 mm	8 mm	8 mm	8 mm
	Width	4,0 m			
Temperature resistance	-40 to +80°C				
25 mm	Weight	500 g/m ²	600 g/m ²	800 g/m ²	1000 g/m ²
	Material thickness	500 μm	600 μm	800 μm	1000 μm
	Compression strength	230 kN/m ²	300 kN/m ²	400 kN/m ²	500 kN/m ²
	Embossing height	10 mm	10 mm	10 mm	10 mm
	Width	4,0 m			
Temperature resistance	-40 to +80°C				
20mm	Weight			800 g/m ²	1000 g/m ²
	Material thickness			800 μm	1000 μm
	Compression strength			160 kN/m ²	200 kN/m ²
	Embossing height			20 mm	20 mm
	Width	4,0 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.