

# GXP<sup>®</sup> PLUS FIX

INNOVATIVE GEOMEMBRANE WITH INTEGRATED MOUNTING BELTS

## APPLICATIONS AND ADVANTAGES:

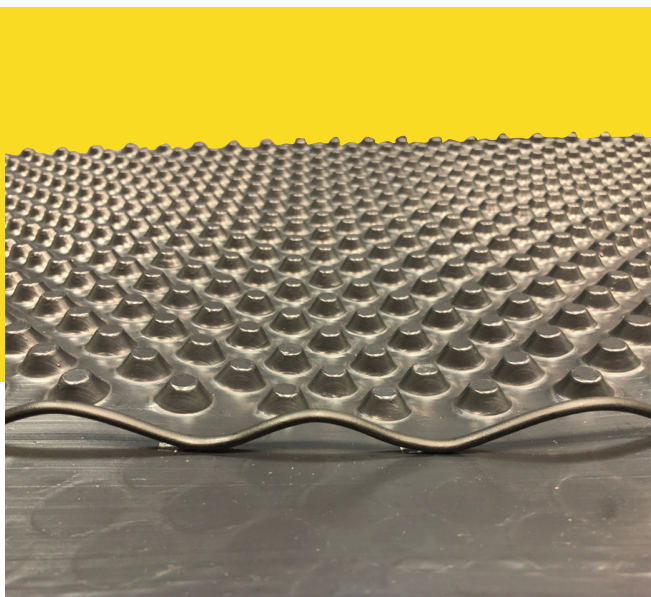
### APPLICATIONS

The membrane GXP<sup>®</sup> Plus Fix, made of high density polyethylene (HDPE), with the basis weight of 800 - 1200 g/m<sup>2</sup>, integrated with the mounting belts, is assigned to be joined with another geosynthetic, such as: geogrid, geomesh, geograte, geomat, etc.

The foil's embossings constitute a natural protection for the geograte against sliding on the (flat) foil. The geomembrane equipped with integrated mounting belts not only guarantees tightness, strength and quick assembly, but it also secures the humus layer in case of out-of-ordinary precipitation.

### ADVANTAGES

- ▶ durable and effective mounting - it prevents embankment landslides
- ▶ no necessity of geomembrane perforation during mounting - maintained hydroinsulation
- ▶ shorter mounting time
- ▶ smaller involvement of human labour
- ▶ it enables the recipient to develop a competition advantage on the market of construction works contracting.



### TECHNICAL DATA

	0,8	1,0	
<b>8mm</b>	Weight	800 g/m <sup>2</sup>	1000 g/m <sup>2</sup>
	Thickness	800 μm	1000 μm
	Compression strength	400 kN/m <sup>2</sup>	500 kN/m <sup>2</sup>
	Embossing height	8 mm	8 mm
	Width	4 m	
	Temperature resistance	-40 to +80°C	
<b>2x5 mm</b>	Weight	800 g/m <sup>2</sup>	1000 g/m <sup>2</sup>
	Thickness	800 μm	1000 μm
	Compression strength	400 kN/m <sup>2</sup>	500 kN/m <sup>2</sup>
	Embossing height	10 mm	10 mm
	Width	4 m	
	Temperature resistance	-40 to +80°C	
<b>20mm</b>	Weight	800 g/m <sup>2</sup>	1000 g/m <sup>2</sup>
	Thickness	800 μm	1000 μm
	Compression strength	160 kN/m <sup>2</sup>	200 kN/m <sup>2</sup>
	Embossing height	20 mm	20 mm
	Width	4 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.