PROTECTIVE AND DRAINAGE MEMBRANE

GXP® DREN F

RELIABLE GEOCOMPOSITE FOR PROTECTING BITUMINAL WATERPROOFING

5 REASONS WHY YOU SHOULD USE GXP® DREN F MEMBRANE:

- 3-layer drainage and protection membrane.
- High compressive strength.
- Protection of the waterproofing coating.
- Ensuring optimal drainage surface.
- Prevents damage resulting from ground movements, backfilling of excavations or subsidence of buildings.

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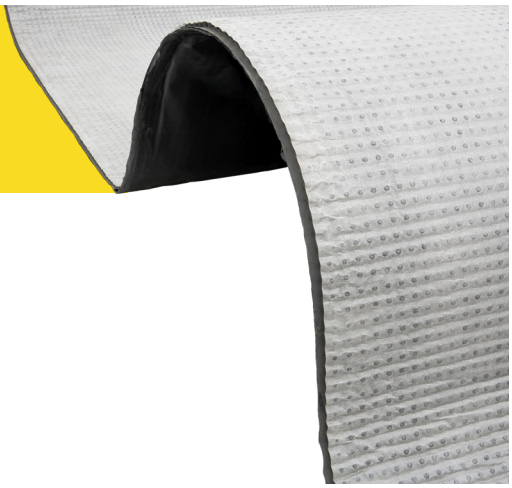

USAGE

The GXP DREN F drainage geocomposite is a material made by extrusion of high-density polyethylene (HDPE), connected on both sides with DuPont™ Typar® thermally bonded polypropylene geotextile and a slip-on foil. It is intended for mechanical protection of thick-layer bituminous waterproofing and optimal drainage of foundation walls. Thanks to its properties, the GXP® DREN F geocomposite is also perfect for various applications in the field of civil engineering and for drainage of building structures, it has a high compressive strength of 250 kN/m², thanks to which it can protect pressure-sensitive waterproofing against damage.

ADVANTAGES

- 3-layer drainage and protection membrane
- high compressive strength
- protection of the waterproofing coating
- ensuring optimal drainage surface
- prevents damage resulting from ground movements, backfilling of excavations or subsidence of buildings

TECHNICAL DATA

Material: - Dimpled membrane - Geotextile - Slip foil	 HDPE PP LDPE
Thickness: - Dimpled membrane - Filter weight - Slip foil	 0,6 mm - 1,2 mm 100 g/m² 150-200 µm
Roller dimensions	2,0 x 20 m (8 mm) 2,0 x 12,5 m (10 mm)
Surface weight	830 - 1430 g/m²
The height of the embossments	8 mm 10 mm
Number of embossments	1860 pcs. (8 mm) 3360 pcs. (10 mm)
Air void between embossments	5,3 l/m² (8 mm) 7,9 l/m² (10 mm)
Compressive strength	250 - 1100 kN /m² 25 - 110 tons/m²
Fire resistance	-40°C to +80°C
Other properties:	Neutral to drinking water
Certification	Complies with EN 13252:2016

CHEMICAL RESISTANCE

It is resistant to chemical compounds, fungi, roots and bacteria found in the ground. It is completely neutral to the environment.

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