

DRENTEX PROTECT MAXI

DRENTEX PROTECT MAXI is a high density polyethylene (HDPE) dimpled sheet.

ADVANTAGES

- Easy to install membrane, with no need for specialized labor or equipment
- Membranes with high adaptability to supports, allowing easy cutting with a knife.
- Easy to overlap
- Durable and resistant to compression.
- Micro-organism resistant
- Resistant to chemical agents.
- Resistant to roots
- Does not contaminate groundwater.
- Allows evaporation of water between layers
- It conducts water through flooring, placed in ventilated and insulated floors, provides air circulation between the dimples, improving watertightness and load distribution on the pavement.



APPLICATION

- Protection of Flooring:
- Spread a layer of ROOFTEX 400 / TEXXAM 1000 with a 20 cm overlap, on top of the ground that has already been cleaned and leveled
- Spread DRENTEX PROTECT MAXI and overlap by fitting the dimples together like buttons with the dimples on one membrane fitting into the dimples on the other.
- Lay the mesh on top of DRENTEX PROTECT MAXI, using separators.
- Pour the concrete. The pavement will be protected from the moisture of the layers and DRENTEX PROTECT MAXI will help stabilize the structure, distributing the load.
- Protection of flooring with waterproofing membrane
- Spread DRENTEX PROTECT MAXI over the base layer of concrete, with the dimples face down.
- Install the self-adhesive waterproofing layer TEXSELF 1.5 (no flame needed) if it must be water tight.
- Spread out the TEXXAM 1500 protective layer, then a layer of reinforced concrete.
- At the latest, it must be recoated in the two weeks following installation.

REGULATIONS

- With DIT No. 580/11 UNDERGROUND STRUCTURES MORTERPLAS
- Quality System in accordance with ISO:9001

Drainages Protection Membranes HDPE

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INSTALLATION

- Applied horizontally.
- The rolls are extended over the floor and overlapped
- Easy overlapping between sheets due to the dimples fit together like snaps, one inside the other
- Afterwards add the soil or concrete.

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PACKAGING AND STORAGE

DRENTEX PROTECT MAXI	
Colour	Black
Weight g/m ²	500
Sheet Thickness (mm)	1 ± 0,1
Dimple height (mm) a 2 kPa	20
Roll Dimensions (m)	20 x 2
m ² / roll	40
m ² / palet	200
Roll weight (kg)	40

TECHNICAL PROPERTIES

Properties	Unit	DRENTEX PROTECT MAXI
Compressive Strength	KN/m ²	150
Air volume between dimples	l/m ²	14
Tensile strength	kN/m	9,5 ± 1 kN/m
Maximun elongation	%	20 ± 5
Thermal stability	°C	-40 a 80
Fire Resistance	Euroclase	B2

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