PLASSER DRENAJ LEVHASI E-CATALOG

SHEET MANUFACTURED FOR WATERPROOFING AND DRAINAGE



DESCRIPTION FOR IT

Plasser drainage sheet is a diagonally textured sheet made of high-density polyethylene (HDPE) used for waterproofing and drainage purposes in basements and foundation retaining walls.

AREAS OF USE

It is used in areas of buildings that need protection from water and the pressure it creates, such as basements, retaining walls, floors, parking lots, and roof terraces.

ADVANTAGES

In waterproofing systems, it is beneficial to remove water from the system after the building elements have been made waterproof by applying waterproofing membranes or liquid waterproofing membranes. It is much more economical than methods such as wall construction or polystyrene foam bonding to protect the waterproofing. It protects the structure from plant roots and chemicals. It protects the structure and insulation by reducing the pressure from the filling material. Thanks to its bubbles, it creates an air gap between the ground and the structure, allowing the structure to breathe and enabling the drainage of water accumulating around the structure to the desired location.

SURFACE PREPARATION

The surface to be coated must be clean and dry, free from oil, dirt, rust, silicone, and dust. The surface must be free of sharp protrusions and loose aggregates and primed with izofalt membrane primer.

STORAGE SHELF LIFE

Must be transported and stored in an upright position. Necessary precautions should be taken to prevent membrane rolls from tipping over during transport. Our product should be stored in covered warehouses with flat floors. Care should be taken to prevent the rolls from receiving hard impacts during loading, unloading or transport. It should be stored in its original packaging, in a dry environment, away from direct sunlight, at temperatures between +5°C and +25°C.

TOOLS USED

Mounting knob, pin, pressure profile.

STANDARD

TSE K 84

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	PLS-40	PLS-50	PLS-60
MATERIAL	High-density polyethylene (HDPE)	High-density polyethylene (HDPE)	High-density polyethylene (HDPE)
COLOUR	BLACK	BLACK	BLACK
WEIGHT	400 gr/m²	500 gr/m²	600 gr/m²
THICKNESS	0,4 mm	0,5 mm	0,6 mm
LENGTH	20 m	20 m	20 m
WIDTH	2 m	2 m	2 m
BUBBLE DEPTH	7,5 - 8 mm	7,5 - 8 mm	7,5 - 8 mm
NUMBER OF BUBBLES	1850 units/m²	1850 units/m²	1850 units/m²
STRAIGHT EDGE WIDTH	50 mm	50 mm	50 mm
COMPRESSIVE STRENGTH	≥ 180 kN/m²	≥ 230 kN/m²	≥ 320 kN/m²
FRACTURE ELONGATION	% 37	% 45	% 48
TENSILE STRENGTH	5,3 kN/m	6,0 kN/m	8,64 kN/m
THERMAL RESISTANCE	-30 /+ 80 °C	-30 /+ 80 °C	-30 /+ 80 °C