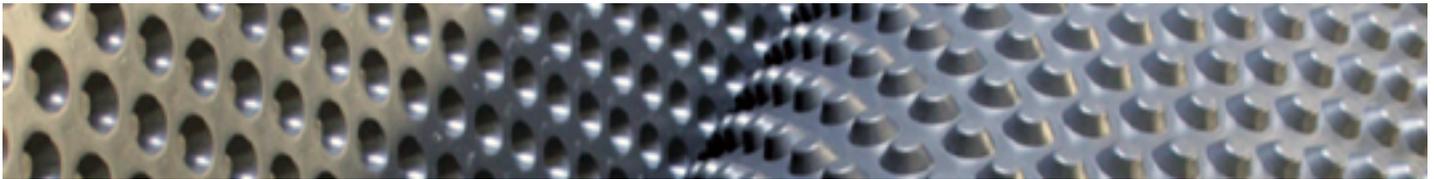




TECHNICAL DATA SHEET №400.20.2.05 VER.1



DRAIN GUARD – 400/500/600 HDPE MEMBRANE



PRODUCT DESCRIPTION:

It is a high-density polyethylene (HDPE) sheet with rounded protrusions of 8.0 mm in height. Due to its optimal balance of mechanical strength and flexibility, as well as the effective distribution of pressure through the protrusions, the product is widely used in various engineering solutions.

APPLICATION AREAS:

The membrane is used to: Protect the waterproofing layer of foundations from mechanical damage during backfilling on both vertical and horizontal surfaces. Prepare base layers for ground floors or slab-type foundations. The surface structure distributes pressure evenly, preventing point loads. Thanks to the protrusions, a cavity is created between the wall and the sheet, allowing air circulation, which positively affects the temperature and humidity balance inside the structure.

TECHNICAL DATA:

Parameter	Obtained value			
	400	500	600	
Roll dimensions, m	2,2×20,0			GOST P 56582
Conical protrusion height, mm	8			GOST 8026
Base membrane thickness, mm	0,4	0,5	0,55	GOST EN 1849-2
Compressive strength limit, kPa	210	290	360	GOST P 70434
Mass per 1 m ² , g	400	500	600	GOST EN 1849-2
Maximum tensile strength (longitudinal / transverse), N/50 mm	210/200	290/280	460/410	GOST 31899-2
Elongation at maximum tensile strength, %	35			GOST 31899-2
Water tightness (at pressure not less than 0.001 MPa, 24h)	No traces of water penetration			GOST 2678
Flexibility at low temperatures, °C	-50			GOST 2678
Flammability class	B2		B3	GOST 30402
Combustibility class	G4			GOST 30244



TRANSPORTATION RULES:

The product must be transported only in closed vehicles, horizontally placed on pallets, stacked no higher than three rolls. At the construction site, the material should be delivered in factory packaging, either manually or with mechanical means that will not damage the product.

STORAGE CONDITIONS:

Rolls must be stored only in dry, closed warehouses or in specially designated covered outdoor areas, on pallets, in factory packaging, and horizontally stacked no higher than three rolls.

PACKAGING INFORMATION:

HDPE membranes are delivered on wooden pallets. Each roll is wrapped in opaque polyethylene film to protect against contamination and ultraviolet radiation.

POLYNEER