

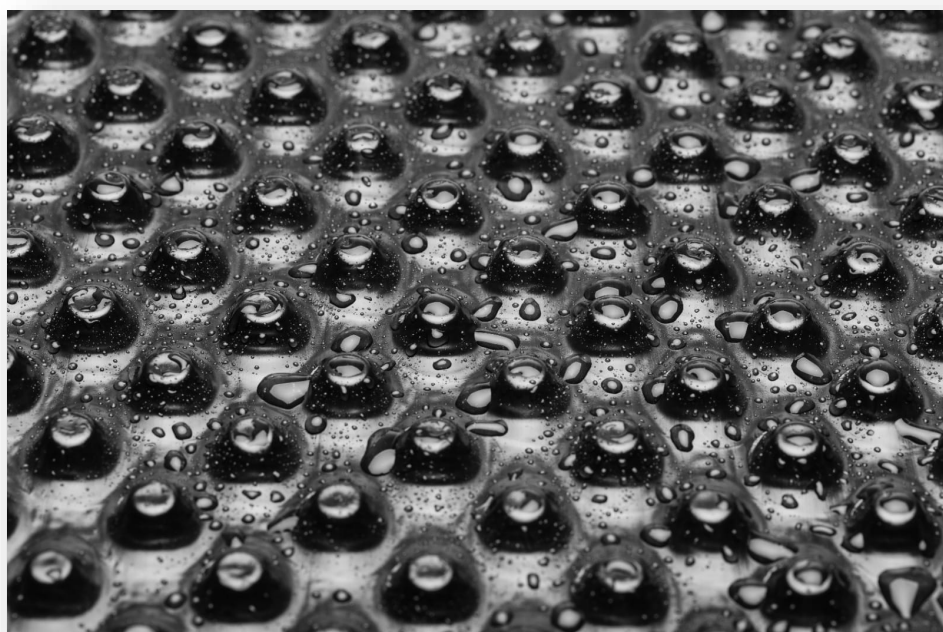
DIMPLE® HDPE DIMPLE SHEET



Product Description

After construction elements are waterproofed with the bituminous membranes, It is very important to protect waterproofing layers and to drain the water.

In order to protect waterproofing layers and drain water, **GEOMERT** supplies **DIMPLE** membranes. **DIMPLE** membranes are made of High Density Polyethylene (HDPE) and the membranes offer excellent resistance to chemical materials, mechanical damage to the waterproofing membranes and hydrostatic compression.



HDPE DIMPLE® Membranes

a: These tests are valid for monochromatic black HDPE Dimple membranes.

b: Carbon black distribution for 10 different appearances (near-spherical agglomerates only): 9 appearances category 1 or 2 and 1 appearance category 3

*Roll sizes are standard values. Different sized production upon the request of the customer is available. Production with different mechanical and chemical properties is available upon customer's request.

*Please contact **GEOMERT®** for more information.

Areas of Use

- Foundations Walls



DIMPLE®

HDPE DIMPLE SHEET



PHYSICAL SPECIFICATIONS

Test Method	Unit	Values	Tolerance
Raw Material		High Density Polyethylene (HDPE)	
Density	EN ISO 1183-1	gr/cm³	0.940 – 0.970

MECHANICAL SPECIFICATIONS

Identification Code	-			DM 400	DM 500	DM 600			-
Thickness	EN 1849-2	mm		0,40	0.50	0.60			
Height of Nap	EN 1849-2	mm		7,5	7,5	7,5			
Number of Nap	EN ISO 527	pcs/m²		1900					
Resistance Compression	TS EN 604	kN/m²		≥110	≥140	≥180			
Tear Resistance	EN ISO 12310-2	N/5cm		≥180	≥200	≥220			
Elongation at Break	EN ISO 12311-2	%		≥50	≥30	≥20			
Heat Resistance	TS 6894 EN1876-1	C		-30 ; +80	-30 ; +80	-30 ; +80			

PACKING SPECIFICATIONS

Roll Dimensions	Type			DM 400	DM 500	DM 600			
	Area	m²m=m²		2,00*20 = 40					+/-10%
	Roll Weight	kg/roll		16	20	24			

Note: Technical characteristics can be changed in order to improve product quality or because of the developments of the productionline without prior notice. Please contact **GEOMERT®** for the latest technical data sheet of each product you are interested in.

Important Notes:

*It is possible to supply in different widths like 1mt. or 1,5mt.

*It is possible to supply in different colors. Standard colors are black and brown.