



Shandong Obor New Materials Co., Ltd

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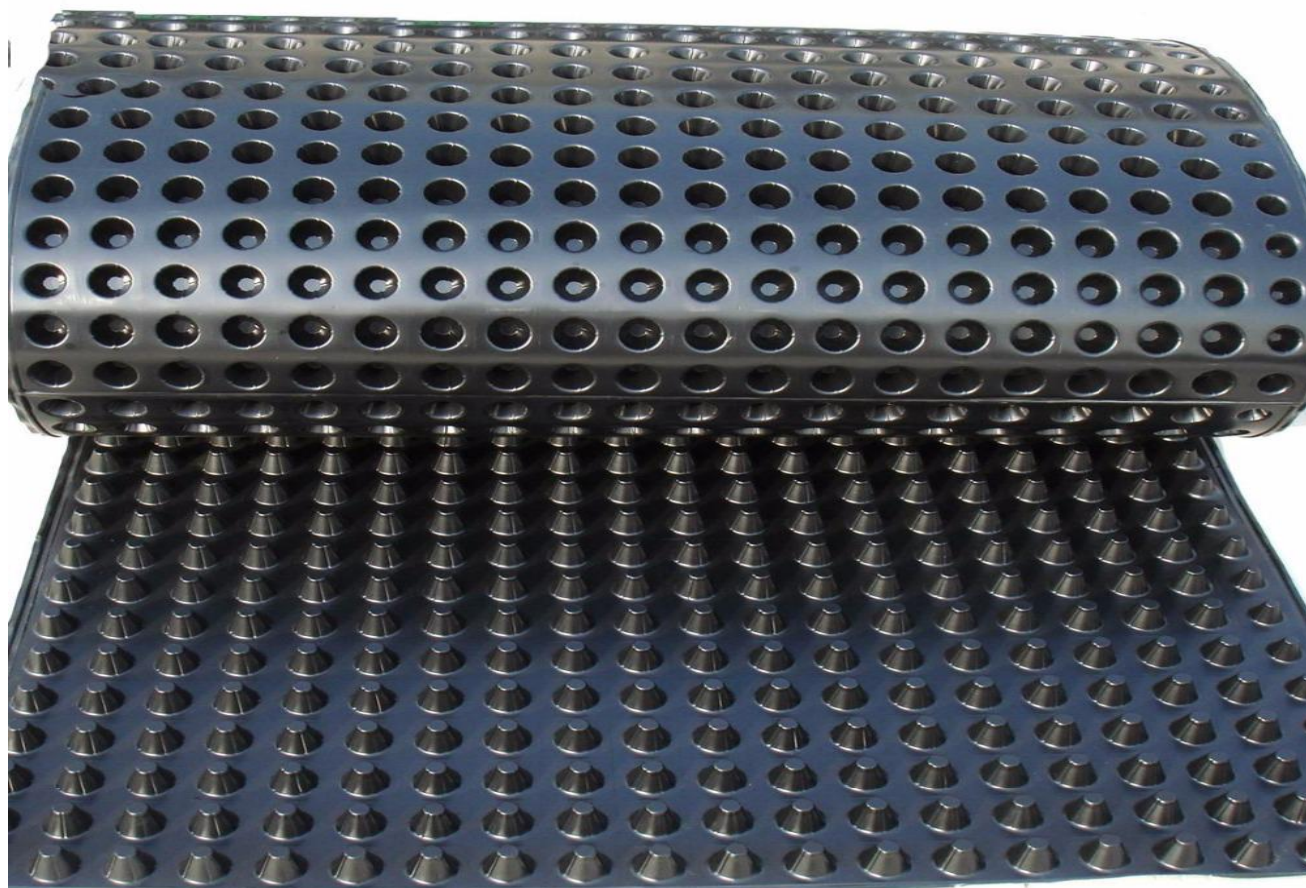
Website: www.sdobor.com

Add: Economic Development Zone, Taian City, Shandong Province, China

HDPE Plastic Dimple Drainage Board

Basic information:

1. Material: HDPE
2. Height: 8,10,12,16,20,25,30mm
3. Color: white, green, black, blue
4. Width: 1m or 2m or 3m
5. Length: 10-15m
6. High compressive strength
- 7.Weight:650g/m2----1800g/m2
- 8.Tensile loading:>150kpa --- >300kpa
- 9.Drain capacity:5.6—24.8cm3/s
10. Resistance to chemicals, root penetration, microorganism

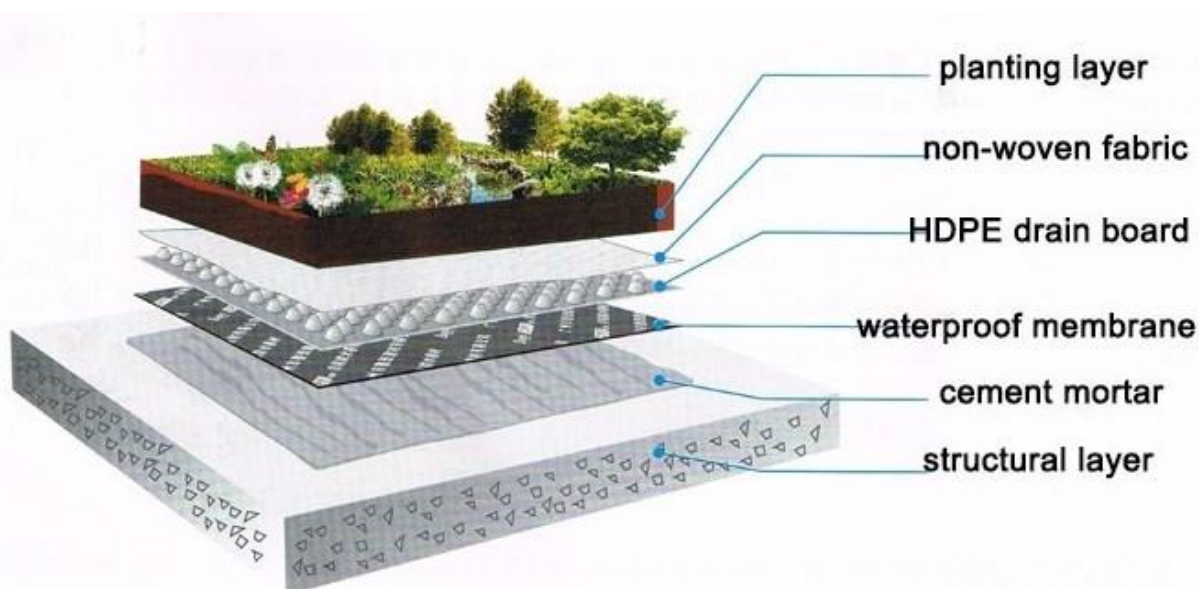


1.Introduction:

Drainage Board with holes is made from high density polyethylene plastic and it is a kind of geomembrane with dimples on the surface. The dimples can be in cylinder and semi cone shape. It could also be coated by non woven geotextile. The liquid and gas can go through freely between dimples.

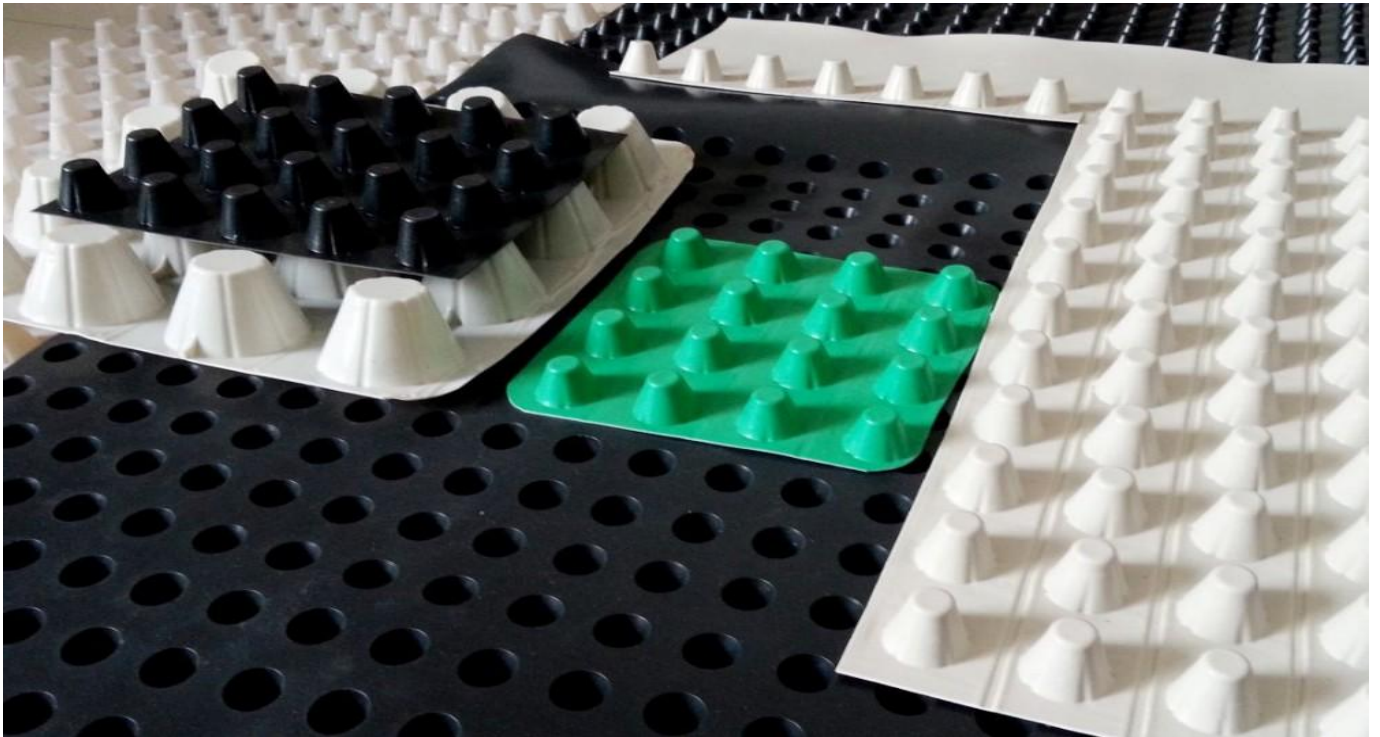
2.Main features:

- (1)Waterproofing and drainage : from a channel,which water and gas can go through;
- (2)Sound insulation and vibration isolation;
- (3)Chemical resistance,resist to plants' root;
- (4)Easy to construction;
- (5)Long life time.



3.Technical Data:

Drainage Board							
Item \ Model	DB08	DB10	DB12	DB16	DB20	DB25	DB30
Material	HDPE						
Dimple Height (mm)	8	10	12	16	20	25	30
Unit Weight (g/m ²)	1000	1100	1200	1400	1500	1600	1800
Thickness (mm)	0.7	0.8	0.9	1.0	1.1	1.1	1.2
Tensile Strength (KN/m)	3.5						
Compressive Strength (≥kpa)	300						
Elongation ≥%	80						
Longitudinal Drainage ≥cm ³ /s	10	10	10	15	15	20	20
Puncture Strength (KN)	0.35						



4.Advantages:

- 1.low-cost, high efficiency;
- 2.durable;
- 3.chemical resistance, resistance to puncture of plant roots;
- 4.diverse application;
- 5.simple installation and quality guaranteed.
- 6.time saving, energy saving and saving investment





5.Applications:

1. Greening project: The garage roof greening, roof garden, vertical greening, roof greening, football pitches, golf course, etc.
2. Municipal engineering: airport, road embankment, subway, tunnel, landfill, etc.
3. Construction: the upper or lower building foundation, inside and outside the basement wall, floor and roof, roof seepage control and heat insulation layer, etc.
4. Water conservancy project: the reservoir seepage water, reservoir, lake water seepage control
5. Traffic engineering: highway, railway basement, roadbed, dam and slope protection layer, etc.
6. New road and renovation project
7. Asphalt overlay on the old cement concrete road surface
8. Repair of asphalt pavements cracks and old asphalt road
9. To be reinforced layer for airport runway, bridge, playground.

Projects:



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Taian. Shandong. China