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## GEO-DRAIN SD 80

HIGH STRENGTH PROTECTION  
VERTICAL & HORIZONTAL  
DRAINAGE

### THE PRODUCT

GEO-DRAIN SD 80 is a high strength one side cusped structure.

GEO-DRAIN SD 80 is light and flexible, strong and resilient. Cusped core produced by HDPE (High Density Polyethylene) other polymers (PVC, HIPS etc...) can be used on request.

GEO-DRAIN SD 80 can be laminated with one geotextile.  
The geotextile is a precision manufactured Polyester non-woven fabric.  
Polypropylene geotextile can be also used on request.

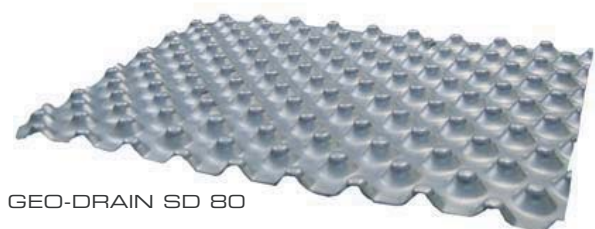
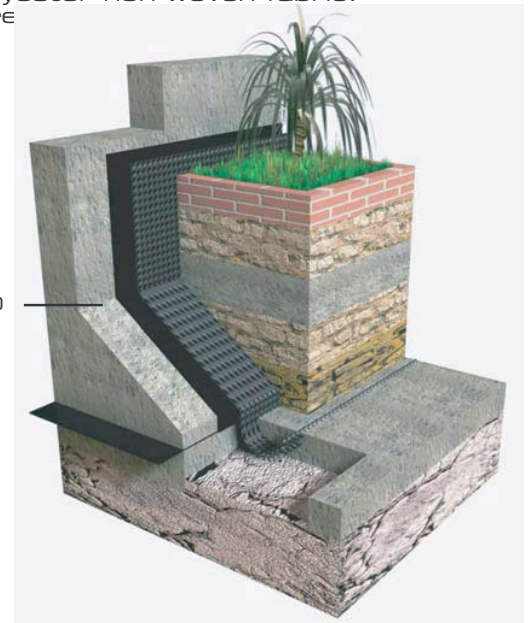
GEO-DRAIN SD 80 controls soil erosion, protects constructions, allows water to drain, while reducing water table pressure.

GEO-DRAIN SD 80 is an insulating material and its corrugation allows proper ventilation to foundations.

### USES

GEO-DRAIN SD 80 is mainly used for:

- a) Drainage and protection of:  
Waterproofing system on:
  - Foundation and underground work
  - Tunnels
  - Pipelines
  - Roof deck gardens
  - Dams
- b) Vertical drainage on:
  - Sports & agriculture fields
  - Tunnels & trenches
  - Dams
  - Roads
  - Retaining walls
- c) Horizontal drainage of:
  - Parking areas
  - Embankments
  - Roof deck gardens
  - Roads
  - Industrial Floorings
- d) Primary drainage:  
For collective leachate to collection basins
- e) Erosion control.
- f) Insulation and paving support on:
  - Roof decks & patios.
- g) Thermal & sound insulation of:
  - Flooring walls



GEO-DRAIN SD 80



## INSTRUCTIONS FOR USE

Installation may vary depending on job requirements.

The following are general installation procedures:

a) Preparatory work: Excavation should be complete prior to the installation.

b) Alignment: Unroll and align GEO-DRAIN SD 80 rolls.

Overlaps should be minimum 4 inches (100mm) wide. For water tight overlaps use eagle seal inseam sealant.

For protection of membranes and drainage on foundations:

Fix GEO-DRAIN SD 80 mechanically on the concrete structure above ground line.

Availability:

GEO-DRAIN SD 80 is available from selected building materials dealers, and lumber yards. Contact the manufacturer if you dont find it in your area.



## PHYSICAL AND CHEMICAL CHARACTERISTICS

GEO-DRAIN SD 80 core is a cuspated matrix produced by selected resins (HIPS-PVC-HDPE etc...)

Table 1.  
Technical data

Product name	GEODRAIN SD-80
Nominal thickness (mm)	8-10
Upper Geotextile (if specified)	Polyester
Lower Geotextile (if specified)	-
Core polymer	HDPE
Compressive strength	Up to 20,000 kg/m
U.V. rays resistance	Excellent
Ageing resistance	Excellent
Weathering resistance	Excellent
Soil Chemicals resistance	Excellent
Water resistance	Excellent
Bacteria resistance	Excellent

EXPORT ORDERS: Product size and packaging may change slightly to accomodate export shipping requirements.  
WARRANTY: We warrant our materials to be of good quality and will replace materials found defective, providing howeve, that the buyer shall examine the materials when received and promptly notify use of any defect before the materials are used or incorporated into a structure of wich they are intended. Unless otherwise agreed to in writing, this warranty shall extend only to comply with specifications of materials man ufactured and published by PLYDEX Company and made available to the buyer at request. We cannot warrant nor in any way guarantes particular methode, use or applications and performance, nor can we warrant that thematerialswill be suitablefor any inteded use. This warranty is in lieu of all others expressed or implied and may not be extended representatives, written sale information or drawings, nor do our distributors or salesmen or any representatives of distributors or of this company have any authority to extend any guarantee beyond that outlined above or to waive the limitations of the seller's liability.



## ● ADVANTAGES

GEO-DRAIN SD 80 is light, resilient, very resistant to concentrated load, easy to transport, rot resistant, easy to apply.

GEO-DRAIN SD 80 improves drainage efficiency, lower hydrostatic pressure on foundation sabs, eliminates the use of coarse aggregates, perfectly fit to the soil contour, reduces labour cost.

## ● PRECAUTIONS

Avoid unnecessary traffic on GEO-DRAIN SD 80.



Code	Description	Color	Unit of Sale	Quantity	Base Unit
DG382020	GEO-DRAIN Drainage HDPE base, Board, (10mm, 2mx20m)	Black Nippled	Roll	40	Sqm
DG382520	GEO-DRAIN Drainage HDPE base, Board (10mm, 2.5mx20m)	Black Nippled	Roll	50	Sqm
DG383020	GEO-DRAIN Drainage HDPE base, Board (10mm, 20mx20m)	Black Nippled	Roll	60	Sqm
DG410220	GEO-DRAIN SD 800 (10mm, 2Mx20M)	Black Nippled	Roll	40	Sqm
DG411220	GEO-DRAIN SD 810 (10mm, Geotextile one side, 20mx20m)	Black Nippled	Roll	40	Sqm
DG412220	GEO-DRAIN SD 820 (10mm, Geotextile two sides, 20mx20m)	Black Nippled	Roll	40	Sqm

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WARRANTY: We warrant our materials to be of good quality and will replace materials found defective, providing however, that the buyer shall examine the materials when received and promptly notify use of any defect before the materials are used or incorporated into a structure of which they are intended. Unless otherwise agreed to in writing, this warranty shall extend only to comply with specifications of materials manufactured and published by PLYDEX Company and made available to the buyer at request. We cannot warrant nor in any way guarantee particular methods, use or applications and performance, nor can we warrant that the materials will be suitable for any intended use. This warranty is in lieu of all others expressed or implied and may not be extended representatives, written sale information or drawings, nor do our distributors or salesmen or any representatives of distributors or of this company have any authority to extend any guarantee beyond that outlined above or to waive the limitations of the seller's liability.

