

DiBō



C A T A L O G U E



DIMPLE BOARD 2025

INDOKON
Future of Geosynthetics **CE**



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WHAT IS DIBO?

DiBo is the brand of Dimple Board/Drainage Sheet manufactured by **Indokon Industries**.

It is a cusped protection sheet made of High-Density Polyethylene (HDPE).

It is a lightweight, flexible, strong, durable, non-toxic, dimpled sheet board with 8mm deep dimples. It is impermeable to water and water vapor.

It is fixed to the walls and roofs of structures to provide a filtered drainage plane that routes groundwater and gases away from the structure.

It is best used as protection for a sheet membrane against physical damage from backfill operations.



AVAILABLE IN:
8mm - 35mm
(thickness)

APPLICATIONS



Basement Wall



Highways/Roads



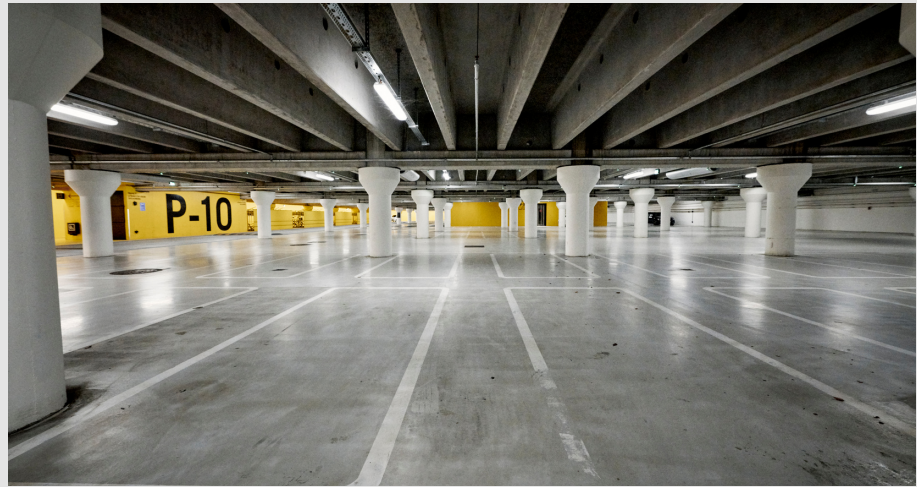
Dams & Pipelines



Terrace & Gardens



Metro/Train Road Tunnels



Parking Areas



Retaining Walls

SPECIFICATIONS

DiBo8

DiBo10

DiBo13

Property	Test Method	Units	DiBo-8			DiBo-10			DiBo-13	
Thickness	EN ISO 9863-1	mm	8.0			10.0			13.0	
GSM	EN ISO 9864	g/m ²	500	800	1000	1100	1200	1300	1250	1650
Compressive strength	ASTM D1621	kN/m ²	150	250	400	150	200	300	200	350
Tensile strength	EN 12311-2	N/5cm	225	225	225	225	225	225	225	225
Elongation @ Break	EN 12311-2	%	25	25	25	25	25	25	25	25
Air gap between Dimples	-	l/m ²	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
In-plane Water flow @100 kpa	EN ISO 12958	l/m.s	2.85	2.85	2.85	4.25	4.25	4.25	5.00	5.00
Number of Studs	-	per/m ²	1850	1850	1850	1850	1850	1850	1850	1850
Product Picture										

DIMPLE BOARD
WITHOUT GEOTEXTILE

SPECIFICATIONS

PROPERTY	METHOD	UNITS	VALUE
Sheet Thickness		mm	0.5
Mass per Unit Area	EN 150 9864	GSM	500
Polypropylene Geotextile		GSM	150
Total Weight		GSM	650
Dimple Height	EN 9863-1	mm	8
Compressive Strength	EN12311-2	kPa	250
Tensile Strength	EN 12311-2	N/50MM	>200/>200
Air gap volume between dimples		l/ sqm	5
Drain flow capacity in plane	EN 12958	l/sqm/s	2.8
Elongation	EN 12311-2	%	>30/>30
Width		M	2.3
Length		M	20
Reaction to fire			Class 'E'

DIMPLE BOARD WITH
GEOTEXTILE




SPECIFICATIONS

DiBo 10G (Drain Board with prefixed geotextile)

INDOKON drainage layer comprising a high performance Single Cusped HDPE (High Density Polyethylene) Core with a geotextile filter thermally bonded to one Side. The Product is practically impermeable on one side. It is used for drainage of all underground ground structures. It comprises a highly compression resistant.

Properties	Unit	Value
Drainage Core		HDPE
Dimple Height @ 2 kPa [EN ISO 9863-1]	mm	10.00
Compressive Strength [ASTM D 1621]	kN/m ²	≥400
Compressive Strength (Permanent Loading)	kN/m ²	≥90
Tensile Strength [EN ISO 10319]	kN/m	>6.0
Air gap Between Dimples	l/m ²	7.90
Hydraulic Properties		
In Plane Water Flow		
@ No Load [EN ISO 12958]	l/m.s	3.50
@ 20 kPa [EN ISO 12958]	l/m.s	3.10
Geotextile Properties		Polypropylene
Thickness @ 2 kPa [EN ISO 9863-1]	mm	0.90 [±0.1]
Dynamic Perforation Cone Drop Test [EN ISO 13433]	mm	40.0 [+8]
Opening Size (AOS) [EN ISO12956]	µm	150
Product Dimensions		
Roll Width	Mtr.	2.30
Roll Length	Mtr.	20.0

DIMPLE BOARD WITH
GEOTEXTILE



SPECIFICATIONS

DiBo 13G (Drain Board with prefixed geotextile)

INDOKON Geocomposite drainage layer comprises of a high performance Single Cuspated HDPE (High Density Polyethylene) Core with a geotextile filter thermally bonded to one Side. The Product is practically impermeable on one side. It is used for drainage of all underground ground structures. It comprises a highly compression resistant.

Properties	Test Method	Unit	Value Mean (with tolerance)
Geocomposites		-	
Thickness @2 kPa	EN ISO 9863-1	mm	13.0 [±10%]
Mass Per Unit Area	EN ISO 9864	g/m ²	895 [5.0%]
Tensile Strength MD / CMD	EN ISO 10319	kN/m	10.0 10.0 [±10%]
Elongation @ Peak MD / CMD		%	45.0 45.0 [±10]
CBR Puncture	EN ISO 12236	N	1800 [±10%]
Hydraulic Properties		-	-
In Plane Water Flow i=1.0	EN ISO 12958	l/m.s	-
@ 20 kPa			3.50
@ 20 kPa			3.40
@ 20 kPa			3.15
Drainage Core		-	High Density Polyethylene (HDPE)
Thickness @ 2 kPa	EN ISO 9863-1	mm	13.0 [±10%]
Compressive Strength	ASTM D1621	kPa	>150
Sheet Thickness	-	mm	0.50
Air gap between dimples	-	l/m ²	7.90
Hydraulic Properties		-	-
In Plane Water Flow i=1.0	EN ISO12958	l/m.s	-
@ 20 kPa			5.50
@ 100 kPa			5.00
@ 200 kPa			4.50
Geotextile		-	-
Thickness @ 2 kPa	EN ISO 9863-1	mm	1.00 [±10%]
Mass per Unit Area	EN ISO 9864	g/m ²	145 [±10]
Tensile Strength MD/CD	EN ISO 10319	kN/m	8.00 8.00 [±10%]
CBR Puncture Resistance	EN ISO 12236	N	1500 [-150]
Dynamic Perforation Cone Drop	EN ISO 13433	mm	32 [+8]
Water permeability	EN ISO 11058	l/m ² /sec	70.0 [±20%]
Apparent Opening Size	ASTM D4751	Micron	180 [±20%]
Product Dimensions		-	-
Roll Width		Mtr.	2.30
Roll Length		Mtr.	20.00

DIMPLE BOARD WITH
GEOTEXTILE