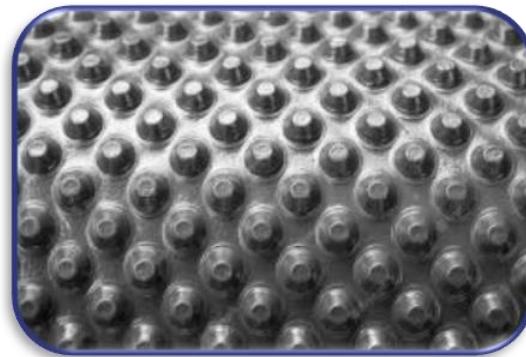


INDOKON DIMPLE BOARD

HDPE Drainage and Protection Board



DESCRIPTION

INDOKON Dimple Board is a cuspated 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.

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

APPLICATIONS



Basement Wall



Waterproofing Membrane



Metro/Train/Road Tunnels



Highways



Parking Areas



Dams and Pipelines



Terrace Gardens

FEATURES



Wide and Light Weight



Prevents Waterproofing Membrane
From mechanical damage



Cost-effective



Resistant to Root Penetration
and Natural Aggressive Media
in Groundwater and Soil



Easy Site Application



High Impact Resistant

PRODUCT SPECIFICATIONS

PROPERTY	METHOD	UNITS	VALUE
HDPE Studded Membrane with prefixed geotextile			
Sheet Thickness		mm	0.5
Mass per Unit Area	EN 1ISO 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'	

PROCEDURE

The INDOKON Dimple Board should be fixed for vertical application on the wall, ensuring the bubbles face towards the wall. A minimum overlap of 10 cm should be maintained between the sheets. Overlaps can be sealed with glue-insulated tapes. In the case of horizontal application, INDOKON Dimple Board will be laid with bubbles facing the ground and an overlap of 10 cm between the sheets. Overlaps can be further reinforced with glue-insulated tapes.

STORAGE

- Rolls must not be exposed directly to UV radiation for over a month.
- Rolls must be stored in their original package horizontally under a cool and dry condition.
- Rolls should be protected from direct sunlight, rain, etc.

INDOKON
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