

NILO – KONE Board

Mechanical protection of water proofing

Description:

NILO- KONE is a studded HDPE protection membrane. Which offers great resistance to chemicals, hydrostatic compression and physical damage to the water proofing membranes. Due to its physical and mechanical properties NILO- KONE creates a damp proof barrier that helps foundations and basements reach their expected durability.

USES:

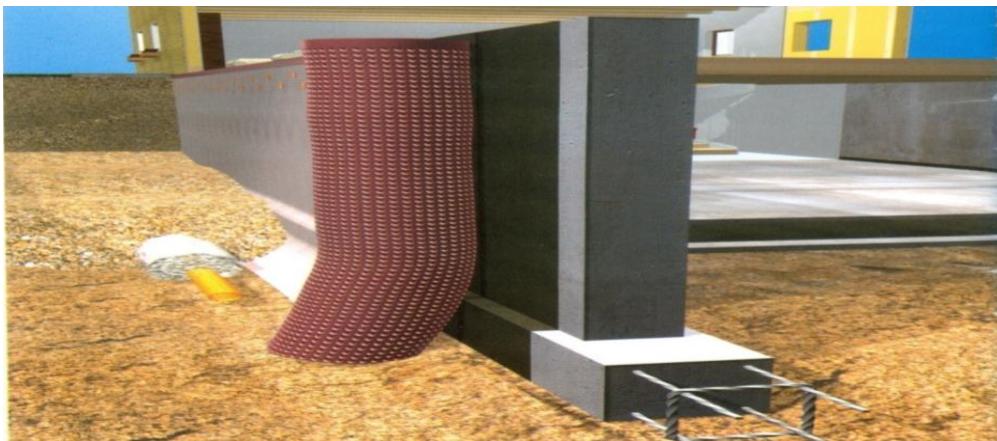
- Protecting traditional water proofing systems, torch-able membrane systems, and adhered reinforced waterproofing films against mechanical damage during the construction process.
- Protecting water proofing systems, on foundation walls, retaining walls, bridge abutments & tunnels, against damages that can occur before and during back fill.

▪ NILO- KONE membranes provides an optimal and widely accepted solution thanks to:-

- Ease of Installation.
- Durability
- Capability to create a ventilation gap that keeps the water proofing membranes dry.

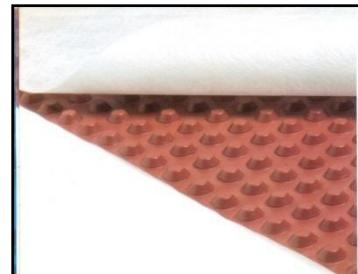
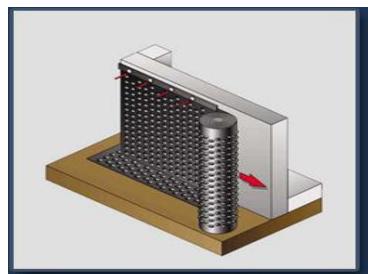
APPLICATION:

NILO-KONE boards are loose laid to the existing water proofing system for both horizontal and vertical applications, studs facing structure. In case of vertical protection, boards shall be mechanically secured to the top of membrane system. Side and end laps shall be overlapped 8 to 10 cm and preferably taped to prevent fines from entering & puncturing the membrane.



Technical Specification

Properties	Unit	Test Method	Tolerances	Results
Weight	g/m ²	EN 9864	± 5%	400
Thickness	Mm	EN 9863-1	± 10%	8
Compression Resistance	KN/m ²	-	± 20%	150
Elongation at max. load MD/CMD	%	EN 12311-2	-	> 20 / > 25
Tensile Strength MD/CMD	N/50 Mm	EN 12311-2	-	> 200 / > 200
Packing dimensions Width Length	M M	-	± 3% ± 2%	2.00 30.00
Roll per pallet	No.	-	-	12 Roll



Distributor:



Nile Waterproofing Material Co. S.A.E

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