

Technical Data Sheet

Allnex NPX Drainage Sheet



Description

A dimpled HDPE sheet with an adhered filter fabric for vertical and horizontal protection and drainage of waterproofing membranes such as Bituthene 300, Preprufe or Allnex Supadeck BG.

Advantages

Protecting waterproofing membranes on buried structures from fill damage and providing high capacity drainage.

Good Impact Resistance

Light & Easy to Handle and Install

Ensure the NPX remains stable during the fill process

In rugged environments consider overlapping the NPX by 150mm to prevent coarse aggregate falling between sheets and damaging the membrane.

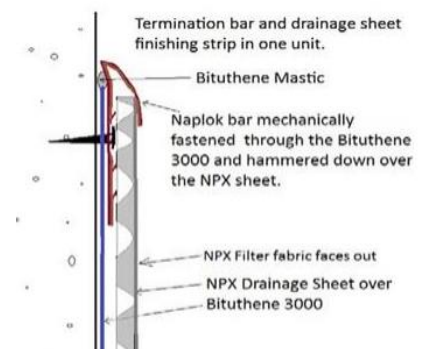
Properties

Property	Characteristic
Material	HDPE Drain V
Drainage / Filter Fabric	Needle Punch Polypropylene
Colour	Black, Fabric is Grey
Compression	320 KN/m ² 32 t/m ²
Tissue Weight	110g/m ²
Stud Height	7mm
Studs per m ²	1860 approx.
Air Volume Between studs	5 L/m ²
Drainage capacity	4.6 l/m ²
Chemical resistance	Resistant to most chemicals, resistant to roots, does not pollute the water-bearing stratum, resistant to contamination from fungi and bacteria, non-polluting, no-degradable.
Combustion Class	F-DM 15/03/05
Roll Size (m)	2 x 20mtr
Rolls Per Pallet	6
Dimension Tolerances	+/- 4%
Thermal Stability	Stable -40 to +80c (protect from UV)



Installation

- 1 Fully Install the selected waterproofing membrane system.
Unroll the NPX and install fabric towards the backfill
- 1a **Horizontal** – Loose Lay the NPX Drainage Sheet, holding it in place with sand bags or adhered mastic back fill as required.
- 1b **Vertical** – Mechanically fix the NPX Drainage Sheet along the top edge termination with a hammered down tight allnex Naplok bar, the Naplok can also act as the Membrane top edge termination support bar.
- 2 Protect exposed NPX & membrane from UV exposure.



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