

SOLMAX HDPE Membrane Root Barrier System



A green roof offers recreational space, which is highly significant for healthy living. It also reduces the maintenance and cooling costs of buildings, as well as other environmental benefits.

A root barrier is needed as an impermeable layer on the roof to prevent plants from affecting building structures, protect the waterproofing system, and prevent moisture from leaching away.

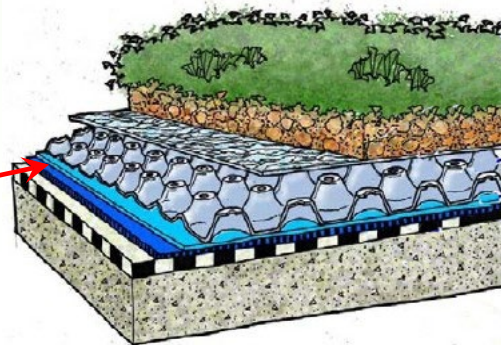
Advantages of Using SOLMAX HDPE Geomembrane

- An impenetrable layer, lightweight and flexible
- Durable, inert to the environment, harmless to plant growth, and strong enough to control root migration
- Act as rooftop waterproofing
- Factory fabricated to sizes, easy to handle
- Readily available stocks in Hong Kong

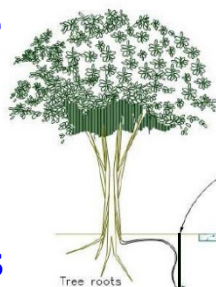
SOLMAX HDPE Geomembrane

- Can fabricate a width of from 1.0m to 7.0m
- Thickness can range from 0.75mm to 3.0mm
- Uses only virgin resin to ensure durability
- Roll length up to 100m

Root barrier layer



Small roll 1m x 100m



HDPE geomembrane prevents the growth of tree roots from growing under and damaging concrete sidewalks

Concrete sidewalk

36"-48" Depth

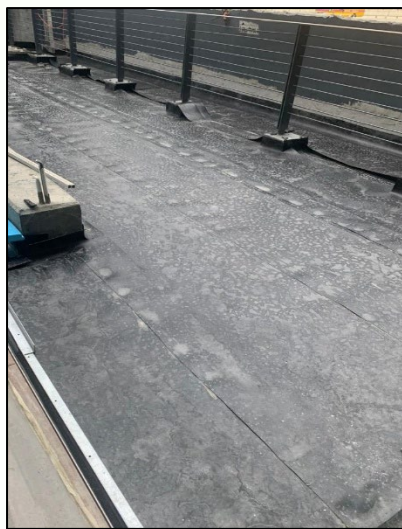
100 mil HDPE Geomembrane



Selective Local Project References



TKO – Lam Tin Tunnel
October 2022 (NE/2015/01)



Station Square at Kai Tak,
May 2023 (SS H508)



Cyberport
October 2021



TKO Pumping Station
November 2019



G and E Company Limited

14th Floor, Kiu Yin Commercial Building,
361-363 Lockhart Road, Wanchai, Hong Kong

Tel: 2570 0103 Fax: 2570 0089

e-mail: info@g-and-e.com website: www.g-and-e.com

