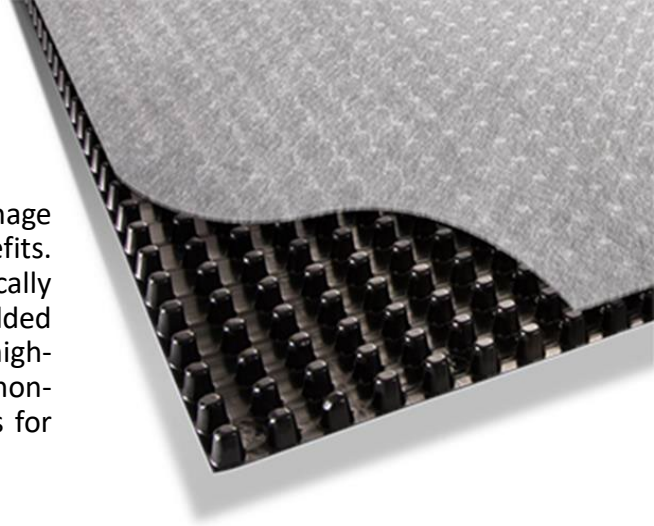
Deckdrain



Deckdrain is a high-performance geocomposite drainage layer that replaces granular filter layers with distinct benefits. Deckdrain structural drainage systems have been specifically developed to provide high flow capacity and added protection to waterproofing. Deckdrain consists of a high-strength, flexible polyethylene cuspated core with a non-woven geotextile bonded onto either one or both sides for perforation.

Deckdrain is Unique

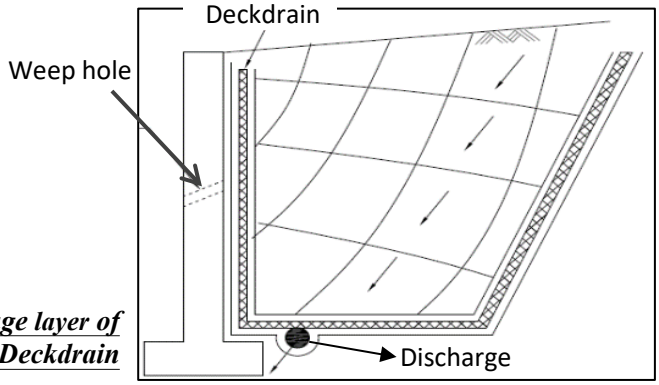
- Equivalent to Miradrain and other geocomposites and most cuspated geocomposites
- Compatible with the waterproofing system
- Double-sided perforation option
- Ready stock and economical
- Made in the UK with CE marking

It's Convenient to Use

- Ready stock for delivery
- Simple installation
- Roll dimension: 1.1m (W) x 45m (L)

Applications of Deckdrain

- Relieve water pressure to the buried structure
- Drainage behind structural wall
- Capillary break layer below base slab
- Roof garden drainage



Vertical drainage layer of Deckdrain



Slope Drainage at Police Facilities in Kong Nga Po March 2021 (ND/2018/01)



Slope Drainage at TKO – Lam Tin Tunnel February 2025 (NE/2015/01)



Drainage on Structure at NENTX Landfill, May 2024 (EP/SP/77/15)



Slope Drainage at TKO – Yau Yue Wan October 2023 (CV/2021/04)

G & E ENGINEERING Since 1984

G and E Company Limited

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ACT ISO 9001 : 2015
UKAS MANAGEMENT SYSTEMS 0273

Deckdrain as Drainage Layer



Retaining Structure Drainage, Columbarium in Shek Mun, June 2023 (SS J510)



Drainage behind Structural Wall San Wai Sewage Treatment Works June 2020 (DC/2013/10)



Planter Drainage, North-West Kowloon Reclamation Site 6 and Fat Tseung Street March 2021 (HKHA20150547)



Drainage on Structure, TKO – Ying Yip Road September 2024 (CV/2023/02)



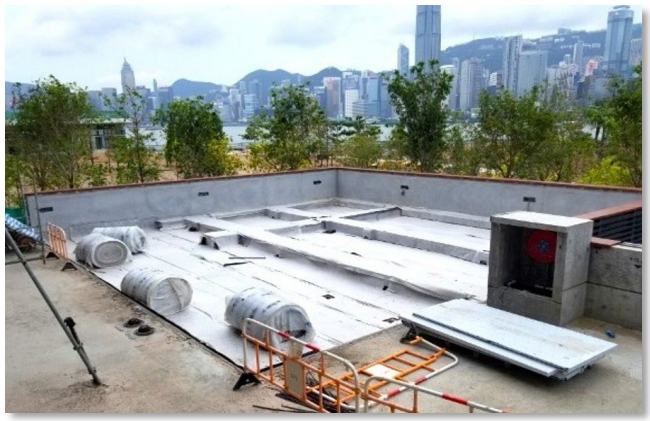
Drainage behind Structural Wall Anderson Road Quarry Site February 2023 (ED/2020/02)



Drainage on Structure Fanling North New Development January 2023 (ND/2019/04)



Slope Drainage, Anderson Road Quarry Site April 2021 (NE/2016/01)



Planter Drainage, WKCD August 2018 (CC/2016/3B/045)



Planter Drainage, Anderson Road Quarry Site, July 2025 (SS L515)



Slope Drainage HKZMB Link Road July 2017 (HY/2011/09)

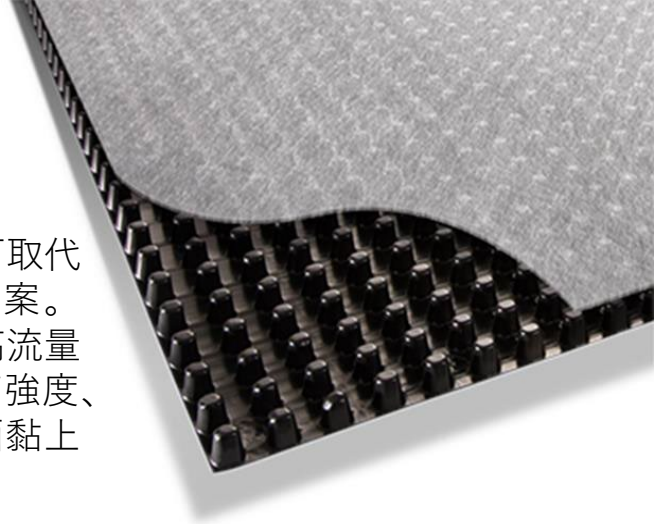
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Deckdrain ver. 15_Nov 2026

Deckdrain



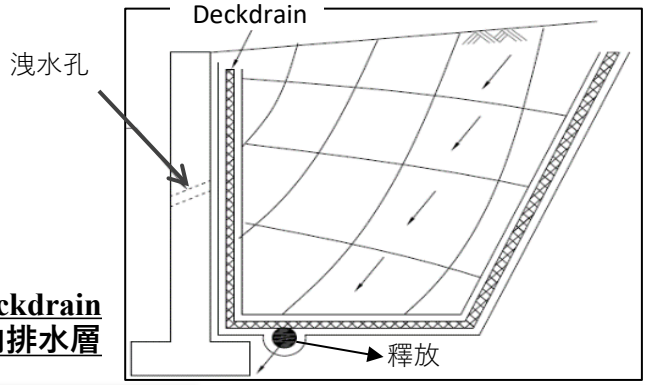
Deckdrain 是一種高性能的土工複合排水層，可取代傳統粒料濾層，是一種更高效的排水解決方案。Deckdrain 結構排水系統經特別設計，可提供高流量排水能力、並提供防水保護。 Deckdrain 由高強度、高韌性聚乙烯凸芯材料組成，並在單面或雙面黏上非編織土工布，形成單面或雙面穿孔排水結構。

Deckdrain的獨特性

- 等同於 Miradrain 及其他土工複合材料，以及大多數凸點型土工複合材料
- 與各類防水系統高度相容，施工更靈活
- 可選擇雙面覆布提供雙面透水
- 現貨供應，且經濟實惠，降低工程成本
- 英國製造，並附有CE 標誌

Deckdrain 提供的便利

- 輕巧柔韌，搬運及現場裁切都非常方便
- 施工安裝簡單方便，減少運輸與人力成本
- 每卷尺寸: 1.1米 (寬) x 45米 (長)



Deckdrain
直向排水層

Deckdrain的應用

- 減輕地下結構所承受的水壓
- 擋土牆背後排水
- 底板下方毛細阻斷層，阻隔地下水
- 屋頂花園排水



擋土墻排水，缸瓦甫警察設施
2021年3月 (ND/2018/01)



擋土結構排水，新界東北堆田區擴建
2024年5月 (EP/SP/77/15)



邊坡排水，將軍澳 – 魷魚灣
2023年10月 (CV/2021/04)



斜坡排水，將軍澳 – 藍田隧道
2025年2月 (NE/2015/01)

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