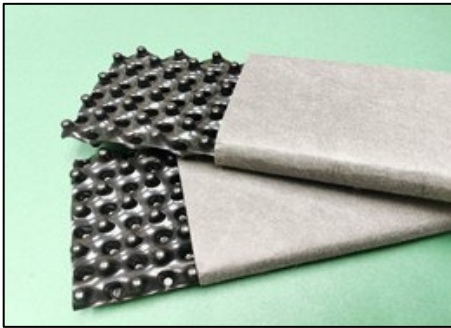


Horizontal Strip Drain

Ground Drainage

A strip drain is a narrow, 200–300 mm-wide geocomposite with a strong, rigid polymeric core wrapped in filter geotextile that provides efficient water discharge. It was designed to complement a prefabricated vertical drain (PVD) by laterally draining water from soft soil to the peripheral outlet, replacing the use of a sand or granular drainage blanket. The application has been extended to provide a network of water passages to relieve pore pressure in isolated locations and direct it to a proper sump. This is now widely used in underground structures, tunnels, and basement construction.



CeTeau Strip Drain



Daehan Horizontal Drain



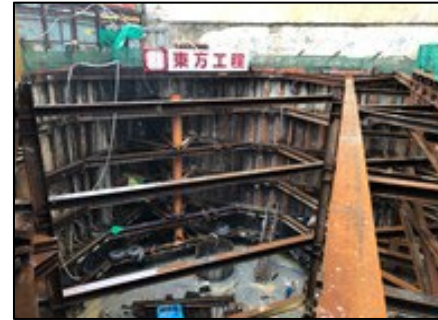
Strip Drain complimenting PVD

The Material

- ❑ Light weight in handy coil
- ❑ Low in cost
- ❑ Engineered with proven performance
- ❑ Replaces granular materials
- ❑ Simple to install



*Ground consolidation treatment
Lok Ma Chau Loop, June 2019 (YL/2017/03)*



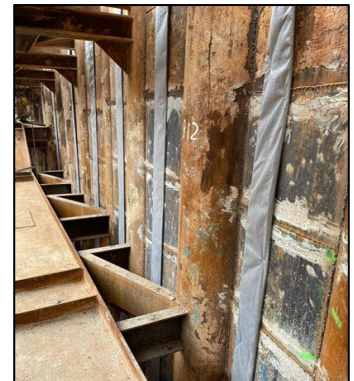
*Basement Vertical Drainage
Tsuen Wan, August 2019*

Applications

- ❑ Underground structure
- ❑ Ground improvement
- ❑ Slope & Embankment
- ❑ Landscaping
- ❑ Tunnel



*Tunnel Drainage, Shatin Sewage Treatment Works to
Caverns, November 2020 (DC/2018/05)*



*Basement Drainage Network
Kwun Tong, March 2021*