



6" Geo Drain Tile and 12" Geo Drain Tile

High Flow Three-Dimensional Drainage Core

PRODUCT DESCRIPTION

6" Geo Drain Tile and 12" Geo Drain Tile are three dimensional, high-flow, drainage cores that are wrapped with a non-woven filter fabric.

PURPOSE:

The Geo Drain Tile 6" and 12" are designed to collect water from around the foundation and/or retaining wall. It is then connected to a 4" corrugated pipe with connectors in order to dispense the water away from the foundation and/or retaining wall.

The Geo Drain Tile 6" and 12" can be used in place of a conventional 4" gravel or sand covered corrugated pipe when placed at the base of the foundation and/or retaining wall. However, Mar-flex recommends gravel backfill in high silt/clay or sandy areas or as per local code.

ADVANTAGES:

- Lightweight and easy to install
- Cost effective
- Code approvals
- Saves time and labor
- Can be installed in any type of soil

SPECIFICATION:

- Color – Black with black filter fabric
- Thickness –ASTM D-1777 – 1"
- Compression Resistance – ASTM D-1621 –9,500 psf
- Drainage Capacity - ASTM D-4716 –170 gpm/ft.width

PACKAGING:

6' or 12" x 165' Roll

COVERAGE:

165/lin.ft./roll

ACCESSORIES:

Multiple connectors are available to allow for a smooth transition from one section of the DrainAway to another as well as to 4" corrugated pipe to remove the collected water away from the footer to either a sump pump or to daylight.

Following are the connectors that are available.

END OUT CONNECTOR

Used to make the connection from the Geo Drain Tile to 4" corrugated pipe.

SIDE OUT CONNECTOR

Used to make the connection from the Geo Drain Tile to 4" corrugated pipe.

SPLICE CONNECTOR

Used to connect two sections of the Geo Drain Tile either vertically or horizontally.

END CAP

Used to cover the cut end of the Geo Drain Tile.

STEP-DOWN CONNECTOR

Used to connect two sections of the Geo Drain Tile on a vertical stepped foundation.

CORNER CONNECTOR

Used to connect two sections of the Geo Drain Tile on either an inside or outside corner.

PREP/APPLICATION:

Unroll the Geo Drain Tile with the flat side against the wall. Place the roll vertically against the foundation wall on top or at the base of the

footer. The Geo rain Tile is a multi-sided drainage composite, either side can face the wall and/or soil.

Determine the locations for the fittings that may need to be installed. Then add extra length to allow for insertion into fittings. Cut roll to needed length.

The fittings and the Geo Drain Tile can be adhered to the side of the footer with 362 Mastic, a panel adhesive or insulation board adhesive. If needed, a mechanical fastener can be used. Note: Place a fastener through a dimple to prevent disruption of the water flow.

Connect fittings to a 4" corrugated pipe and run them out to a sump pump or to daylight if present. If not present, leave ready for connection. NOTE: Special care should be taken to properly compact the soil under the drainpipe to prevent settling of drainpipe.

Generally, every 50'-75' run, add a side out to a collection point using the 6" tile on a 8' or smaller height wall. If larger than 8', the 12" is recommended.

The below grade foundation or retaining wall must then be backfilled and compacted to the density required by the applicable local code.

CLEAN UP:

Disposal methods must be in compliance with all federal, state and local laws and regulations.

PRODUCT HANDLING/STORAGE:

- Do not smoke while handling
- When installing wear respirator
- No special storage requirements
- Wash thoroughly with soap and water after handling

WARNING/DANGERS:

- Keep away from sparks, open flames, or any heat source
- Dust might create mechanical irritation

Product Only Warranty:

We warrant the product to be of good quality and manufactured to meet published physical properties and quality control standards.

Except as specifically provided herein, Mar-flex makes no warranty, express, implied or oral including but not limited to any warranty or merchantability, fitness for a particular purpose, usage of trade, course of dealing or course of performance in connection with this agreement. In no event shall Mar-flex be liable on any such warranty with respect to the product. Mar-flex shall not be liable for incidental or consequential damages including, but not limited to damages of the structure, its replacement, contents or personal injury. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

HEALTH AND SAFETY INFORMATION IS GIVEN IN THE SAFETY DATA SHEET (SDS) AVAILABLE FOR THIS PRODUCT. THE SAFETY DATA SHEET SHOULD BE READ AND UNDERSTOOD BEFORE USING THIS PRODUCT.

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