



MAR-FLEX GEO-MAT PLUS INSTALLATION INSTRUCTIONS

PRODUCT DESCRIPTION

Geo-Mat Plus rolls are made of a high-density polyethylene (HDPE) with an attached polypropylene geotextile mat.

The rolls feature an integrated profile at the top for easy installation. The dimples are aligned along a vertical and horizontal axis to rapidly channel water from grade to the footer drainage system.

PURPOSE:

The Geo-Mat Plus is a protection and drainage roll used in conjunction with Mar-flex waterproofing to provide ample strength to protect the membrane against back fill soil and sediment and to provide excellent drainage capabilities.

SPECIFICATION:

- Compression Resistance – >5515psf
- Drainage Capacity- 18 gal/min/ft
- Elongation –25%
- Dimple Height –0.315 in (8 mm)

PACKAGING/:

- 4', 6', 8' x 50' Roll

COVERAGE:

- 200/300/400 Square foot per Roll

PREP/APPLICATION:

Apply one of the Mar-flex waterproofing membranes following the current Installation Instructions.

While the membrane is still tacky, start at a bottom corner of the foundation, with the protective fabric mat side facing out-ward and flat side against the wall, install the Geo-Mat Plus horizontally over the coated sections of the wall. Extend the roll from the top of the footer to finished grade. For good adherence, apply uniform pressure throughout the surface area, not just the edges and corners.

If more than one roll of the Geo-Mat Plus is needed overlap the rolls dimples to create continuous coverage of the wall. Any seams created from overlapping should be sealed with Mar-flex's adhesive band. Once the Geo-Mat Plus is positioned, Geo-Mat Accessories should be used to secure the roll to the wall.

Required: Geo-mat Plus Profile must be caulked at top to not

allow water to infiltrate behind roll material.

If the roll overlaps the membrane once you have reached the grade line, a utility knife or similar tool can be used to cut the rolls to the correct height.

BACKFILLING/DRAINAGE:

Backfilling should begin no sooner than 24 hours after the installation of the board but must be backfilled within 15 days.

#57 Gravel or equivalent must be no less than 2' high at the base of the foundation and 1' in depth away from the foundation walls.

Adequate interior and exterior foundation drainage at the base of the foundation walls or across any floors must be properly installed and working. Adequate drainage in landscaping beds adjacent to the foundation must be installed. Gutters and downspouts must be installed and functioning properly.

Final grade must not extend above the membrane or membrane and board system and must slope away from the foundation at a minimum of 1/2" per foot for the first 12' from the structure.

GEO-MAT ACCESSORIES:

GEO CLIP

The Geo Clips were designed to help distribute weight of the board and speed up the installation process.

The clips can be placed every 12 to 15" sporadically along the wall and over the seams. The prongs are placed over the dimples of the roll and a nail is inserted into the preformed center nail hole to attach it to the wall.

Generally, use 80-100 clips per 8'x50' roll.

Use of a Hilti GX120 and X-U 32 1-1/4" spiral concrete nail is recommended for clip/fastener application

GEO-MAT ACCESSORIES:

PROFILE/TERMINATION BAR

The HDPE profiles protect the top edge of the roll at grade level from soil penetration between roll and wall. Place the profile along the top edge of the roll being sure to overlap the top roll of dimples. Secure with nails.

50 (6'6") Profiles/Box

ADHESIVE BAND:

When it is necessary to seal overlaps or other critical points, apply the Adhesive Band between the two layers on the flat part (not the dimpled side). The adhesive band can be cut with a utility knife or similar.

CLEAN UP:

Disposal methods must follow all federal, state, and local laws and regulations.

PRODUCT HANDLING/STORAGE:

- No special storage requirements
- Wash thoroughly with soap and water after handling
- Do not expose to sunlight (UV) for more than 30 days

WARNING/DANGERS:

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

PRODUCT ONLY WARRANTY:

30yr Residential 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 for 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 MATERIAL SAFETY DATA SHEET AVAILABLE FOR THIS PRODUCT. THE MATERIAL SAFETY DATA SHEET SHOULD BE READ AND UNDERSTOOD BEFORE USING THIS PRODUCT.