



## TopGun Drainage & Protection Board

### PRODUCT DESCRIPTION:

Mar-flex TopGun Drainage & Protection Board is a semi-rigid board made from a blend of a minimum 70% recycled synthetic fibers; its unique design promotes protection and effective water drainage while still retaining the board's R-Value.

### PURPOSE:

The TopGun Board, when installed from the footing to the sill plate, addresses a major source of energy consumption, the conditioned but uninsulated basement and lower levels of a home.

The TopGun Board acts as a drainage medium to channel ground moisture away from the structure's foundation and into the building's drain tile system.

The TopGun Board is also designed to protect the Mar-flex waterproofing membrane, especially during backfilling and other construction activity.

### ADVANTAGES:

- Available in thermal values/thickness of: R-3 =.75" Thick R-5=1.1875" Thick and R-10 =2.375" Thick
- Meets the needs of builders, energy conscious homebuyers and/or local building codes
- Combines high R-value, drainage, and protection into one product
- Excellent drainage
- Easy to handle, no irritation like most Fiberglas products
- Easy to install
- Can be used in any geographical area

### SPECIFICATIONS:

- Compressive Strength @10%psf– ASTM C-165  
.75" – 46.8 psf - 1.1875"– 89 psf - 2.375" – 180 psf
- Flow Capacity - (K97) ASTM D-4716 R3=101 R5=145 R10=338 R-15=430 (All@ gph/ft-width)
- Density – 3.0 lb. nominal (All Thicknesses)
- Color-Varies depending on recycled content
- Water Vapor Sorption (ASTM C1104)
- Less than 5% by weight.
- .75"-R-3 / 1.1875"-R-5 / 2.375"-R-10 / 3.5"-R-15
- Thermal Transmission Properties Test-ASTM C518  
R-value=(Thermal Resistance hr×ft<sup>2</sup>×F°/BTU) 3/4" = 3.107  
1-3/16" = 5.134 / 2-3/8" = 10.267

### PACKAGING:

R3-.75" x 3' x 4' (64pcs/pallet)  
R5-1.1875" x 3' x 4' (40pcs/pallet)  
R10-2.375" x 3' x 4' (20pcs/pallet) and \*4' x 8' (20pcs/pallet)  
\*Truckload Quantities Only  
\*R15-3.5" X 3' X 4' (12pcs/pallet) \*Truckload Quantities Only

Sold in skid quantities and full truckload quantities of 64 Pallets  
(Can mix sizes at ½ truckload per size minimum)

### COVERAGE:

.75" – 3'x4'=768 sq.ft./pallet  
1.1875" – 3'x4'=480 sq.ft./pallet- 4'x8'=1280 sqft/pallet  
2.375" – 3'x4'=240 sq.ft./pallet-4'x8'=640 sqft/pallet  
3.5" – 3'x4'=144 sq.ft./pallet

### PREP/APPLICATION:

Apply one of the Mar-flex waterproofing membranes following the current published installation instructions.

While the membrane is still tacky, install the board over the sprayed sections of the wall. The boards should be placed side by side, extending from the top of the footers to the finished grade. If boards are stacked, maintain a factory-equivalent edge at all seams to ensure proper fit and drainage channel alignment.

For good adherence, apply uniform pressure to the board throughout the surface area, not just the edges and corners. If needed, secure panels to the wall using powder actuated mechanical fasteners. Install top fasteners within the top 4" (102 mm) of each panel.

If the board extends beyond the membrane at grade line, a utility knife or similar tool can be used to cut the boards 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. Gutters and downspouts must be installed and functioning properly.

Adequate drainage must be installed in landscaping beds adjacent to the foundation.

Final grade must not extend above the waterproofing system and must slope away from the foundation at a minimum of ½" per foot for the first 12' from the structure.

### CLEAN UP:

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

### PRODUCT HANDLING/STORAGE:

- Maintain good housekeeping
- Keep the board dry prior to installation

### WARNING/DANGERS:

- Use safety glasses/Dust Mask
- Protect from flame and other high heat sources

### 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 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 to 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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