



# FUSION UV™ (WATER-BASED) INSTALLATION INSTRUCTIONS FOR 5-GALLON BUCKETS FOR POURED WALL OR BLOCK CONSTRUCTION

## **PRODUCT:**

The Fusion™ UV WB Exterior Below-Grade Waterproofing Membrane fluid applied, is 100% virgin polymer waterproofing membrane.

## **USES:**

Used for waterproofing new residential poured concrete exterior below-grade walls. Not for use on interior walls.

## **APPLICATION COVERAGE:**

Depending on porosity and roughness of surface, coverage rate should be approximately 100 square feet per 5-gallon bucket.

Membrane should be applied at 3/32<sup>nd</sup> of an inch thick on the wall.

Note: When finished applying membrane there should be no visible signs of the wall through the membrane.

## **STORAGE:**

Like all water-based materials the Fusion WB must be kept from freezing.

It is best to store product containers off the floor at an ambient air temperature above 50°F.

Opened buckets should be tightly sealed before storage to prevent a skim-coat from developing on the surface of the product.

## **GENERAL:**

Do not apply when the ambient air temperature is below 32° F.

Do not apply to wet or frozen surfaces. All walls must be clean and dry to touch.

Poured concrete walls must be set before applying the membrane.

Product may require mixing/agitation if settling has occurred.

## **REQUIRED PREP WORK:**

Ensure that footings are exposed and that they are free of loose materials or water. If needed, sweep the tops of footers and clear away any debris.

Poured concrete walls must be free of voids and honeycombs. Any such areas, if present, should be covered hydraulic cement or similar product.

Make sure all brick ledges are properly capped and sealed.

Make sure that all existing pipe, conduit or any other penetration through the wall are properly sealed on the outside with water plug, hydraulic cement or similar product.

## **APPLICATION:**

Fusion WB, in a bucket, should be applied with a roller.

If a thinner consistency is needed, apply a bucket band heater or store inside for 24 hours so the material can warm.

Application should be made to all below-grade basement walls. This includes any wall that would be considered a common wall to habitable/storage areas. (Ex. garage wall, porch, etc.)

## **OPTIONAL BOARD/ROLL INSTALLATION:**

If protection or insulation value is wanted, any size of the Drain & Dry Board™ or the Shockwave™ Board can be applied over the membrane.

If drainage is a concern the Geo-Mat Plus Drainage Roll can be installed over the membrane.

When applying the board/roll protection board over the membrane apply material at 1/8<sup>th</sup> of an inch thick.

For best adherence, the board or roll should be installed immediately after membrane has been applied.

Start with a small section of wall. Apply the membrane and place the board or roll against the wall. Press firmly onto wall.

Note: Please see the individual instruction sheet for the proper way to install the board or roll that you are using.

## **BACKFILLING/DRAINAGE:**

Backfilling should begin no sooner than 24 hours after the membrane or membrane and board application but must be backfilled within 15 days.

Backfill should be free of debris, organic material, boulders, rocks, concrete block debris or

any other harmful material not considered suitable fill.

Foundation drainage must be installed and in proper working order.

Final grade must not extend above the waterproofing membrane or membrane/board system.

Final grade must slope away from the foundation at a minimum of 1/2" per foot for the first 12' from the structure.

## **PRODUCT ONLY WARRANTY:**

We warrant the Mar-flex Fusion Exterior Below-Grade Waterproofing Membrane 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 Mar-flex Fusion Exterior Below-Grade Waterproofing Membrane. 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 AND THE PRODUCT DATA SHEET AVAILABLE FOR THIS PRODUCT. THESE SHOULD BE READ AND UNDERSTOOD BEFORE USING THIS PRODUCT.**

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