





WATERPROOFING & BUILDING PRODUCTS




RESIDENTIAL PRODUCT




QuickSEAL™
Waterproofing Membrane



Multiple Drainage Board options



Mar-flex 6" DrainAway GeoDrain Tile



Mar-flex Silt Cover

FOUNDATION WATERPROOFING A NEW AMERICAN STANDARD



Sealed, Smart, and Sustainable

- Environmentally friendly and ecologically sound
- 100% recycled drainage and insulation boards
- Available in water-based and solvent-based formulas
- Green LEED® Contributor





Exterior Below-Grade Residential Waterproofing Membrane

QuickSeal Water-based

Description

The QuickSeal™ Water-Based Exterior Below-Grade Waterproofing Membranes are tested and proven membranes that can be applied over almost any clean, dry, sound substrate.

Uses

QuickSeal W.B. is recommended for new construction waterproofing of all below-grade basement walls of poured concrete, unit masonry construction or ICF walls. QuickSeal W.B. can be used as a membrane spray only or as part of a system.

Leeds Data

QuickSeal water-based membrane is considered a GREEN product and can be used toward LEEDS building credits.

System Components

Two components make up the QuickSeal Exterior Below-Grade Waterproofing System: the QuickSeal W.B. Waterproofing Membrane and one of the specified Mar-flex Insulation / Drainage Boards or Drainage Mats.

Optional Board/Roll Installation

Any size of the Drain & Dry™ or Shockwave™ Boards or the Geo-Mat Plus, "C" Drain110-150 should be installed immediately after spraying each section of the wall with the QuickSeal W.B.

Equipment

For maximum output of the product, Mar-flex recommends the use of airless spray equipment. A pressure of 3000 psi is required to spray the membrane.

Coverage

Depending on porosity and roughness of surface, coverage rate for spray application should be 3.3 to 5 gallons per 100 ft². Final application should be a minimum of a 55-mil wet thickness resulting in 40-mil dry.

General Requirements

Avoid application when inclement weather is present or imminent. Do not apply the QuickSeal W.B. membrane when the air temperature is below 20° F. Ensure that footings are exposed and free of any debris, loose material, wet/damp or frozen areas. Sweep the tops of footers to clear away debris and dry footings/walls. Walls must be set before applying the QuickSeal membranes. 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. If penetrations are to be added after the spray application, it is still the

QuickSeal Water Base Spec Sheet

Property	Method	Results
Color		Black
Total Solids		60-70%
Application Method		Spray, Brush, Roller
Application Range		20° to 130° F
Elongation @ 70° F (21°C)	(ASTM D-412 Die C)	1320% min.
Crack Bridging Ability	(ASTM C-836)	10 cycles; no failure
Resistance to Hydrostatic Head Pressure	(Federal Spec TT-C-555B, Par 4.4.7)	No Water Infiltration 9.2 ft of head press.
Total Cure Time		24 hrs.
Weight/Gallon		8.03 lbs. (3.64 kg)
Coverage Rate		3.5-5.0 gal./100 ft ²
Tensile Strength	(ASTM-C-719)	32 psi min.
Water Vapor Permeance	(ASTM E-96)	0.29 perm (grains/sq.ft./h)
Mold Growth/Bacterial Attack		No Degradation
Membrane/Board		60 mil dry thickness
Membrane Only		40 mil dry thickness
Adhesion to Concrete		No Adhesion Loss