



Mar-flex 5000ä

Foundation Waterproofing Membrane

The ultimate waterproofing protection for your residential walls

Product Description

Mar-flex 5000 is a tested and proven membrane that can be applied over almost any clean, dry, sound substrate. Its permanent elasticity allows it to move with the structure. Mar-flex 5000 will not become brittle, evaporate, or lose its flexibility or waterproofing ability. It resists freeze-thaw cycles and testing shows that Mar-flex 5000 outlasts conventional protection methods. Mar-flex 5000 is available in both solvent based and water based¹.

Uses

Mar-flex 5000 is recommended for new construction waterproofing of all below-grade basement walls of poured concrete² or unit masonry construction³. Mar-flex 5000 can be used as a spray only or as part of a system.

Code Compliance

ICC Evaluation Service, Inc. (ICC-ES), has issued evaluation report NER-658 on the Mar-flex 5000 Waterproofing Membrane. ICC-ES finds that, subject to the conditions set forth in NER-658, the membrane complies with the 2000 *International Building Code*, or is a suitable alternative to what is specified in the code.

Two System Components

Mar-flex allows you to customize your waterproofing system by matching the right coating to the right board.

For drainage plus R-value:

Drain & Dry, QuickSilver or the Shockwave by Mar-flex™

For more drainage flow with no R-value:

Geo-Mat™ Plus

Limited Residential Warranty^{4 5 6}

When you build using Mar-flex 5000 you receive one of the best warranties in the industry.

Choose from the Standard, Bronze, Silver or Gold levels below. Anyway you go Mar-flex backs every level with the best warranty in the business.

LEVEL	MEMBRANE combined with BOARD gives you WARRANTY		
Standard	Mar-flex 5000	None	15 Years
Bronze	Mar-flex 5000	Geo-Mat Plus Drain & Dry ¾" QuickSilver	40 Years
Silver	Mar-flex 5000	1" Shockwave 1-3/8" QuickSilver	50 Years
Gold	Mar-flex 5000	2" Shockwave 2-¾" QuickSilver	60 Years

PRODUCT DATA

Division 7

07140 Fluid Applied Waterproofing

¹ See Water-Based Installation Instructions

² See Poured Wall Installation Instructions

³ See Unit Masonry Installation Instructions

⁴ New Construction Only

⁵ See Applicator For Availability

⁶ For Poured Walls Only



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Mar-flex 5000 Membrane Properties⁷

	Solvent-Based	Water -Based
Color	Black	Black
Total Solids	70-75%	60-70%
Density	7.6 lbs.	7.6 lbs.
Application Method	Spray	Spray
Application Temp (Ambient)	0° to 150°F	0° to 130°F
Film Thickness	60 mil (dry)	60 mil (dry)
Total Cure Time	24 hrs.	24 hrs.
Adhesion to Concrete	No Adhesion Loss	No Adhesion Loss
Elongation @ 70° F	1725%	1725%
Low Temp Flexibility	-15°F	-15°F
Crack Bridging Ability	10 cycles without bond failure	10 cycles without bond failure
Water Vapor Permeance (40 mil dry coating)	0.12 perm (grains/sq.ft./h)	0.12 perm (grains/sq.ft./h)
Liquid Water Absorption	No Absorption	No Absorption
Mold Growth/Bacterial Attack	No Degradation	No Degradation
Resistance to Hydrostatic Pressure Head	No Water Infiltration	No Water Infiltration
Coverage Rate	3.2 – 4.0 gal./100 ft. ²	3.3 – 5.0 gal./100 ft. ²
Tensile Strength	48 p.s.i. min.	48 p.s.i. min.

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07140 Fluid Applied Waterproofing

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.

MANUFACTURED BY:

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⁷ ASTM Methods Available Upon Request