

MAR-FLEX TOPGUN WATERBASE SPEC SHEET

marflex
WATERPROOFING &
BUILDING PRODUCTS

PLATINUM LEVEL PROTECTION

WWW.MAR-FLEX.COM
1-800-498-1411



PROPERTY	METHOD	RESULTS
Color		Black
Total Solids		78%
Application Method		Spray
Application Range		20°F to 130°F
Elongation @ 73.4°F	(ASTM D-412 METHOD A)	4485% min.
Crack Bridging Ability	(ASTM C-836)	10 Cycles; No Failure
Wind Driven Rain Resistance to Hydrostatic Head Pressure	(FEDERAL SPEC TT-C555B, Par 4.4.7) ASTM D5385	No Water Infiltration Passed @6psi/13.9ft of Head Pressure
Total Cure Time		24 hrs
Weight/Gallon		8.03 lbs.
Coverage Rate		20-25 sq.ft./gal
Tensile Strength	(ASTM-C-719)	48 psi min.
Water Vapor Permeance/Transmission	(ASTM E-96)	0.35 perms (g/h sq.ft.-in.Hg) 0.11 (grains/sq.ft./h)
Mold Growth/Bacterial Attack		No Degradation
Membrane		60 mil Wet Thickness
Adhesion to Concrete		No Adhesion Loss

WATERBASE EMULSION WATERPROOFING

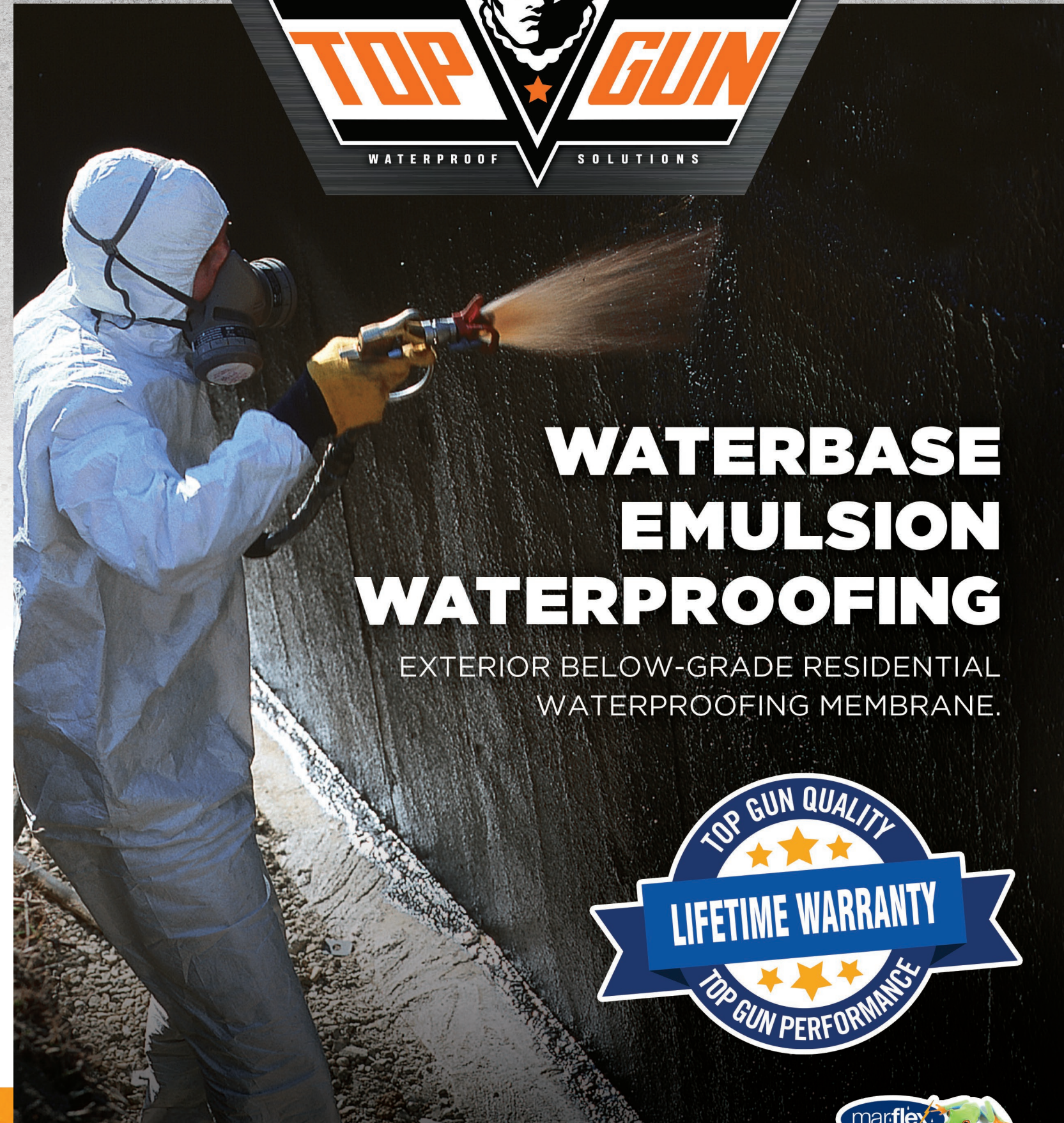
EXTERIOR BELOW-GRADE RESIDENTIAL
WATERPROOFING MEMBRANE.



HEALTH AND SAFETY INFORMATION IS GIVEN IN THE 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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ENVIRONMENTALLY FRIENDLY AND ECOLOGICALLY SOUND. THE GREEN CHOICE IS MAR-FLEX!



TOPGUN APPLICATION

DESCRIPTION

The Mar-flex TopGun Waterbase (WB) Elastomeric Emulsion Exterior Below-Grade Waterproofing Membranes are tested and proven membranes that can be applied over almost any clean, dry, sound substrate. It features our highest Residential "Limited-Lifetime" warranty and is a waterproofing industry product leader.

USES

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

LEEDS DATA

Mar-flex TopGun WB membrane is considered a GREEN product and can be used toward LEEDS building credits.

EQUIPMENT

For maximum product output, 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 4-5 gallons per 100 ft². Final application should be a minimum of a 60-mil wet thickness resulting in 40-mil dry.

GENERAL REQUIREMENTS

Avoid application when inclement weather is present or imminent. Do not apply the TopGun WB membrane when the air temperature is below 20° F. Ensure that footings are exposed, and all surfaces are free of any debris, loose material, form oils, wet/damp or frozen areas. Sweep the tops of footers to clear away debris and dry footings/walls. May be applied to "Green" concrete as soon as forms are removed. 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 applicators responsibility to ensure these areas are sealed. If this responsibility is passed onto the builder, inform the builder they are responsible and inform them of the proper procedure to seal these areas.

REQUIRED PREP WORK

Remove below grade wall ties inside the basement and out. Patch all outside below grade ties holes with the Mar-flex 362 Mastic or similar. Poured concrete walls must be free of voids and honeycombs. Any such areas, if present, should be covered with the Mar-flex 362 Mastic or similar. All brick ledges must be properly capped and sealed.

APPLICATION INFORMATION

When spraying TopGun WB, the final recommended spray temperature of the material should be 100°F - 140°F. Recommended tip sizes: Graco XHD631,635,731, or 735. CAUTION: Prolonged heat can deteriorate water-based products inside the spray tank.

NOTE: When transporting water-based material from site to site or when idle on a jobsite, the heat exchanger must remain off and there should be no other type of heat source to the tanks.

To flush equipment: Diesel Fuel. Total clean up: Xylene. Thinning not recommended.

SPRAY INSTALLATION

Membrane application should be done a section of the wall at a time. Use multiple, uniform passes, alternating from horizontal to vertical. Application should end on wall at footer. As work progresses check for thin spots and voids in the spray application. Re-spray any areas as necessary to obtain the required mil thickness. Determine the wet mil thickness by using a standard wet mil gauge. 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.) 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 installation of the Mar-flex TopGun WB Exterior Below-Grade Waterproofing System but must be backfilled within 15 days. #57 Gravel or equivalent must be no less than 6" to 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 in landscaping beds adjacent to the foundation must be installed. Final grade must not extend above the waterproofing system and must slope away from the foundation at a minimum of 1/2" per foot for the first 12' from the structure.



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