



## Mar-flex 5000 Trowel Grade

### PRODUCT DESCRIPTION: (Part# BGT-36515)

Mar-flex 5000 Trowel Grade is a single component, rubber reinforced asphalt that forms an elastomeric waterproof coating as well as an air barrier. The dried film cures to a tough 40-mil flexible finish and will resist variations in temperature and weather. When applied to interior above grade cavity wall structures, the protective coating helps to control moisture and inhibit air leakage in buildings as specified in several building codes. Mar-flex 5000 Trowel Grade has excellent resistance to acids, alkalis and salts in the soil and will not deteriorate.

### PURPOSE:

Mar-flex 5000 Trowel Grade is used as a waterproof coating on exterior above or below grade surfaces such as masonry, spray polyurethane foam, wood, stone, brick and concrete. It can also be used as an air barrier/vapor barrier when applied in exterior/interior above grade assemblies.

### SPECIFICATIONS:

ASTM D-4586 Type I, Class I: (Trowel Grade)

Complies with CH. 13 of Massachusetts Energy Code

#### PHYSICAL PROPERTIES:

Weight Per Gallon: 8.6 lbs.

Hardness, Shore A: 55 ASTM D-2240

Elongation: Trowel/Caulk: 350% ASTM D-412

Tensile Strength, PSI: 400 ASTM D-412

Color: Black

Water Vapor Permeance: 0.017 perm ASTM E-96

Air Permeability (Leakage): 0.000 L/(s·m<sup>2</sup>) @ pressure difference of 75pa

Service Temp. Range: -40°F to 160°F

Solids by Weight: 71%

Solids by Volume: 63%

VOC Content: Please visit [www.mar-flex.com](http://www.mar-flex.com) for latest VOC content as products are updated to comply with the most current VOC regulations.

Salt Fog Resistance 1/16 cured film: 500 hours – Excellent

Abrasion Resistance: Excellent

Resistance to acid: 60 days – Excellent

10% HCL: Excellent

10% H<sub>2</sub>SO<sub>4</sub>: Excellent

10% - 85% Phosphoric: Good

Nitric Acid: Not Recommended

Resistance to Alkalis: 60 days – Excellent

10% NA OH: Excellent

45% Ammonium Nitrate: Excellent

10% Ammonium Sulfate: Excellent

### PACKAGING:

5gal Pail

### PREP/APPLICATION/COVERAGE:

Surfaces must be clean, dry and free from oil, grease, release agents, laitance, dirt, dust and debris. Recommended application temperature is 40°F to 120°F. If applying at temperatures lower than 40°F, the substrate must be free of moisture and/or ice crystals.

### EXAMPLES:

**Exterior Vertical Surfaces:** Apply Mar-flex 5000 Trowel Grade in one coat. If applying two, allow the first coat to dry. Coating must be continuous and free of pinholes or holidays. Cover all slots, joints and grooves and into all chases and corners. Apply at the rate of approximately 10sqft. per gallon...50sqft per 5gal pail.

Coverage may vary with the application technique used. Actual coverage rate and mil thickness depend on finish and porosity of the substrate.

### APPLICATIONS:

- Concrete
- Plywood (exterior)
- Exterior below grade (on masonry, concrete, and incidental metal)
- Above grade (between two-course concrete and within cavity walls)
- Parking garages and concrete tanks
- Plaza decks and malls
- Balconies and planters
- Below-grade slabs
- Walls and culverts

### BACKFILLING/DRAINAGE:

Backfilling should begin no sooner than 24 hours after the installation.

#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 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.

### CLEAN UP:

Disposal methods must be in compliance with all federal, state and local laws and regulations. Mineral Spirits can be used as a cleanup solvent.



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**WARNING/DANGERS:**

Do not use near open flame. Material is for building exterior applications only. Avoid breathing solvent fumes and prolonged contact with skin. Do not take internally. If swallowed, do not induce vomiting. Call a physician immediately. Keep out of reach of children. Keep container covered when not in use. Do not thin. Dispose of in an environmentally safe manner.

**Warranty:**

Residential & Commercial warranties are available.

**HEALTH AND SAFETY INFORMATION IS GIVEN IN THE SAFETY DATA SHEET AVAILABLE FOR THIS PRODUCT. THE MATERIAL SAFETY DATA SHEET SHOULD BE READ AND UNDERSTOOD BEFORE USING THIS PRODUCT.**

Mar-flex Waterproofing & Building Products  
500 Business Pkwy Carlisle, Oh 45005  
(800) 498-1411 | (513) 422-7285 | Fax (513) 422-7282  
E-mail: [info@mar-flex.com](mailto:info@mar-flex.com)  
Web-site: [www.mar-flex.com](http://www.mar-flex.com)

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**Order Today! Contact Mar-flex for the dealer nearest you.** 800-498-1411 | 513-422-7285 | Fax 513-422-7282 | [Mar-flex.com](http://Mar-flex.com)

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