



# THE EUCLID CHEMICAL COMPANY

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## EMULSIFIED ASPHALT

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**MASTIC AND SEMI-MASTIC DAMP-PROOFING**

- XENG.SPECS    ◆CATALOG INDEX
- ◆MSDS        ◆SECTION INDEX
- XFRENCH      ◆PRINT
- XSPANISH     ◆EXIT CATALOG

**EMULSIFIED ASPHALTS** are full bodied emulsions used to protect structures against the ingress of water by capillarity resulting from occasional exposure to moisture. They contain additives which assure proper adhesion to damp or green concrete or masonry surfaces. These emulsified type asphalts are available in two consistencies for above or below grade treatments and they may be applied to either the inside or outside of structurally sound surfaces. EMULSIFIED ASPHALTS should not be confused with waterproofing asphalts.

### PRIMARY APPLICATIONS

- Below grade damp-proofing of structural walls
- Above grade damp-proofing of:
  - copings
  - parapets
  - roof re-coating and repairs
  - interior walls of refrigeration rooms
  - retaining walls and ramps

### FEATURES / BENEFITS

- Cured film breathes-allow vapors to escape
- Adheres to damp surfaces
- Not affected by alkali, acid or organic matter in soils
- Will not blister or peel
- Does not sag or flow on walls
- Excellent bond to block and concrete

### SPECIFICATIONS / COMPLIANCES

- EMULSIFIED ASPHALT, Semi-mastic meets the requirements of ASTM D-1187
- These products meet V.O.C. contents in accordance to EPA 40 CFR Part 59 Table I Subpart D for Bituminous Coatings and Mastics with a maximum V.O.C. content of 500 g/l.

### PACKAGING

Both EMULSIFIED ASPHALT products are packed in 55 gal (208 liter) drums and 5 gal (18.9 liter) pails.

### TECHNICAL INFORMATION

The following results were developed under laboratory conditions.

Curing Period 12 hours @ 70°F (21°C)  
24 hours @ 50°F (10°C)  
(curing period required before exposure to heavy rain)

**Appearance-EMULSIFIED ASPHALT**, Semi-mastic is a black, heavy oil-like product which remains black after placement. EMULSIFIED ASPHALT, Mastic is a black, paste-like product which will remain black after placement.

EMULSIFIED ASPHALT, Semi-mastic  
**V.O.C.** ..... 0 g/l  
 EMULSIFIED ASPHALT, Mastic  
**V.O.C.** ..... 0 g/l

Shelf life is 2 years in original, unopened package.

### COVERAGE

EMULSIFIED ASPHALT, Semi-mastic:  
1.5 gal/100 ft<sup>2</sup> (0.65 liter/m<sup>2</sup>) per coat. Two coats required.

EMULSIFIED ASPHALT, Mastic:  
2.5 gal/100ft<sup>2</sup> (1.0 liter/m<sup>2</sup>) per coat. Two coats required.

**Note:**For treating old, existing concrete and block, use of HIGH PENETRATION ASPHALT PRIMER is necessary. This product must be ordered separately.

### DIRECTIONS FOR USE

**Surface Preparation-**The block or concrete must be clean and sound. All oil, dirt, debris and unsound materials must be removed. The surface must be prepared mechanically using a wire brush, scraping or chipping. The final step in cleaning should be the complete removal of all residue with a vacuum cleaner or pressure washing.

All block and concrete should possess an open surface texture with all curing compounds and sealers removed. If a coating is well bonded, a test may be run

to determine if EMULSIFIED ASPHALT will adhere to the coating surface.

Old, existing concrete and block must be primed with HIGH PENETRATION ASPHALT PRIMER.

New (green) concrete and block must be primed with a solution of one part water to 4 parts emulsion.

**Note:** Always allow the prime coat to dry at least one day prior to application of the EMULSIFIED ASPHALT.

**Mixing-**EMULSIFIED ASPHALT is ready to use and requires no pre-mixing.

**Placement-**Brush or trowel the EMULSIFIED ASPHALT on the surface to be damp-proofed in a continuous unbroken film, free from surface breaks and pinholes. Carry the damp-proofing over the exposed tops or edges of footings, parapets, etc. and work it thoroughly into all grooves and joints.

### **CLEAN-UP**

Clean tools and equipment with a solvent such as EUCO SOLVENT, xylene or toluene before the material hardens.

### **PRECAUTIONS / LIMITATIONS**

- EMULSIFIED ASPHALT is resistant to light rain after six hours curing time in warm, dry weather. A curing period of 12-24 hours is needed in cool or humid weather.
- Never apply EMULSIFIED ASPHALT at temperatures below 40°F (4°C) and always protect it against freezing while in transit or storage.

Form Emulsified Asphalt-9.99

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