



Last Rev Date: 09/20/2010

### Physical Properties

<b>Appearance</b> Black liquid	<b>Degree of Staining/Absorption</b> None (ASTM D-2746)	<b>Minerals Or Stabilizers By Wt</b> 7 - 14% (ASTM D-2939)
<b>Application Temperature</b> 45°F and rising	<b>Fire Resistance</b> Pass (UL 790)	<b>Pliability @ 32° F</b> No cracking/separation
<b>Ash</b> 5 - 25% (ASTM D-2939)	<b>Flash Point</b> >212°F	<b>Solids By Weight</b> 45 - 55% (ASTM D-2939)
<b>Asphalt By Weight</b> 41 - 51% (ASTM D-2939)	<b>Freezability</b> Do not freeze	<b>Specific Gravity @ 77° F (25°C)</b> 1.08
<b>Behavior @ 140° F (60°C)</b> No blistering/sagging/sliding	<b>Maximum VOC</b> 0 calculated	<b>Uniformity</b> As described (ASTM D-2939)
<b>Color</b> Black	<b>Maximum VOS</b> 0 calculated	<b>Weight Per Gallon</b> 8.6 - 9.2 lbs. (ASTM D-2939)
<b>Consistency @ 77° F</b> Heavy paint		

### Approvals and Certifications

Meets ASTM D-1227-95, Type II Class I, and ASTM Spec D-1187-97, Type I.

**Note:** This product has not been tested or approved by the National Sanitation Foundation for contact with potable water.

### Description

**HE789 - FIB ASPHALT EMULSION DAMPPROOFING** is designed for dampproofing the exterior side of below grade foundations and walls. Above grade, **HE789 - FIB ASPHALT EMULSION DAMPPROOFING** provides a moisture barrier used for dampproofing the exterior walls in cavity wall construction. Made from selected asphalt, emulsified with bentonite clay, non-asbestos fibers, and water. It contains no solvents.

### Usage

- For below-grade dampproofing of walls and foundations.
- Excellent for lining concrete and masonry planters.
- May be use on "green", uncured, or damp surfaces.
- Cold applied, corrosion resistant.
- Resilient--does not crack, alligator, run, or sag
- Provides weather resistive barrier for above grade cavity walls
- Dampproofing of gypsum wall board assemblies.

### Coverage

Approximately 2 to 3 gallons per 100 sq. ft. depending on texture and porosity of surface.

## Surface Preparation

Be sure surface is clean and in good repair. Surface must be free of dirt, residues, water-repellent compounds, and other foreign matter. All holes, cracks, and recessed joints in concrete or concrete-block must be filled with cement mortar for a smooth, clean surface without depressions or projections. Scour with wire brush to at least 4" from both sides of fine cracks and corners. Also fill in vertical cold joints flush with surface by using a sealant compatible with asphalt.

**Membrane Maintenance:** After cleaning, minor repairs can be made with a 1/16" thick coat of emulsion. If membrane is punctured, use glass fabric and emulsion extending at least 6" beyond damaged area.

**Metal Protection:** For protecting exterior metal above grade, one coat applied at a rate of 3 gal. per 100 sq. ft. is generally sufficient. Metal must be thoroughly clean and free of rust, scale, dust and residues. It may be necessary to sand, wire brush or sandblast to provide a clean surface. Etch new galvanized surfaces with an acid wash of 5% acetic acid or vinegar.

## Application

Stir coating thoroughly. A tighter bond will result if surface is damp when coating is applied. Apply with a soft bristle brush or heavy duty spray equipment. For best results keep brush strokes in one direction and apply additional coats at a right angle to the former coat. Avoid excessive brushing. For spraying, use Graco 9:1 ratio pump, or equal, capable of delivering 3 - 5 gallons per minute, and a pole gun with 1/8" - 1/4" tip. A 3/4" I.D. material hose from the pump gun is preferred for most applications.

**Dampproofing of Exterior Surfaces Below Grade - Dense Surfaces:** For dense concrete surfaces not subject to hydrostatic pressure, a single coat of **HE789 - FIB ASPHALT EMULSION DAMPPROOFING**, approximately 1/16" in thickness is generally adequate. If applying by spray or for severe conditions, two coats are preferable. Apply each coat at 2 to 3 gallons per 100 square feet, allowing the first coat to dry before applying second coat. Fill in all crevices and grooves, making sure coating is continuous and free from breaks and pinholes. Carry coating over exposed top and outside edge of footing. Spread around all joints, grooves, and slots and into all chases, reveals, and soffits. Bring the coating to finish grade.

**Dampproofing of Exterior Surfaces Below Grade - Porous Surfaces:** For dampproofing of porous surfaces such as concrete block, 3 alternate techniques are equally effective (base your selection upon local preference and the availability of equipment).

**A) Two Coat System:** Apply a base coat of **HE789 - FIB ASPHALT EMULSION DAMPPROOFING**, cut 20% by volume with clean water, over entire prepared surface. Apply base coat at a rate of 1.5 gal. per 100 sq. ft. Allow base coat to dry to tacky touch and apply 1 coat of **HE789 - FIB ASPHALT EMULSION DAMPPROOFING** as described under Dense Surfaces. Allow to set 24 to 48 hours before backfilling as described previously.

**B) Membrane system:** For severe conditions or added protection, apply a base coat followed by a coat of **HE789 - FIB ASPHALT EMULSION DAMPPROOFING** as described above. Within 2 hours, apply **Henry # 183 Glass Fabric** membrane over all surfaces of coating, overlapping edges at least 3 to 4". Embed glass fabric into coating without wrinkles or buckles. Within 24 hours, apply an additional coat of **HE789 - FIB ASPHALT EMULSION DAMPPROOFING** and allow to set for at least 24 to 48 hours and backfill as previously described.

**C) Parge Coat System:** Apply a parge coat of cement mortar to the block wall, carrying the parge coat from the bottom of the footings to grade level and forming a cove at the junction of the wall and footing. Allow to cure. Apply 1 to 2 coats of **HE789 - FIB ASPHALT EMULSION DAMPPROOFING** as described under Dense Surfaces. Allow to set and then backfill as previously described.

**Interior Surfaces Above Grade - Weather Resistive Barrier:** **HE789 - FIB ASPHALT EMULSION DAMPPROOFING** is used for dampproofing the exterior face of interior walls in cavity wall construction. **HE789 - FIB ASPHALT EMULSION DAMPPROOFING** is compatible with masonry, concrete, CMU, and gypsum sheathing. Apply product in 1 coat, carrying the coat in and around all joints, grooves and slots, following all reveals and soffits of windows and continuing 12" out on adjoining partitions and soffits. Allow to set. If walls are to receive hard wall plaster, use furring strips or metal lath.

**Drying:** Usually 8 to 12 hours in warm, dry weather. Drying will be slower, 2 to 7 days, in cool, damp weather. Allow to dry between coats. On below-grade foundations, let cure at least 24 to 48 hours, with good air circulation, before exposure to water or backfilling. Use forced air if needed. **COATING BECOMES WATERPROOF ONLY AFTER DRYING THOROUGHLY.** Test for dryness in slowest drying area by vigorously rubbing the surface with a wet finger. Coating is dry if no staining occurs. The dry membrane should be protected from back-filling damage by installing **Henry Protection Board**, adhered with **Henry #204® Plastic Roof Cement**.

## Precautions

Do not apply when air temperature is below 50° F, or if there is a threat of rain or temperature below 50° F within 24 hours. When transporting this product, be sure the pail is secured and the lid is tight. Do not allow pail to tumble as this may loosen the lid and allow leakage to occur.

## Cleanup

Fresh coating can be removed with water. Use kerosene or mineral spirits if material is dry. Clean hands with a waterless hand cleaner. Keep brushes in water when not in use.

## Caution

**CAUTION!** Do not heat container or store at temperatures greater than 120° F. Close container after each use. DO NOT TAKE INTERNALLY! Use protective measures to avoid contact with eyes and skin. **If swallowed**, CALL PHYSICIAN IMMEDIATELY! **In case of eye contact**, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION. **In case of accidental injection** by power spray equipment, GET MEDICAL ATTENTION IMMEDIATELY! Dispose of container and unused contents in accordance with Local, State and Federal regulations.

**KEEP OUT OF REACH OF CHILDREN!**

**DO NOT ALLOW THIS PRODUCT TO FREEZE!**

**WARNING:** This product contains detectable amounts of chemicals known to the State of California to cause cancer, or birth defects, or other reproductive harm.

**EMPLOYERS** should obtain a copy of the **Material Safety Data Sheet (MSDS)** from your supplier or directly from Henry at the toll free number or website below.

## Product Sizes

5 GAL/18.93 L (46 lb)

55 GAL/205 L (527.5 lb)

## Limited Warranty

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.**