

Physical Properties

Appearance Black trowelable matic	Flash Point >212° F	Solids By Weight 45-55% (ASTM D-2939)
Ash 5.0-25.0% (ASTM D-2939)	Freezability Do not freeze	Specific Gravity @ 77° F (25°C) 1.03
Base Asphalt	Heat test, 212° F Dried film will not sag or flow (ASTM D-2939)	Weight Per Gallon 8.4-8.8 lbs (ASTM D-2939)
Consistency @ 77° F Soft trowel	Maximum VOC 42 calculated	

Approvals and Certifications

Meets ASTM D-1227-95, Type II Class 1.

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

Description

HE785 - ASPHALT EMULSION TROWEL GRADE is a heavy bodied product designed for dampproofing the exterior side of below-grade foundations and walls. Above grade, **HE785 - ASPHALT EMULSION TROWEL GRADE** provides a "breathable" moisture barrier used for dampproofing exterior walls in cavity wall construction. This heavy bodied emulsion is made from selected asphalt, emulsified with bentonite clay, cellulose fibers, and water. It contains no solvents.

- Cold applied
- Corrosion resistant
- Weathers uniformly under extreme conditions
- Resilient--Does not crack, alligator, run, or sag

Usage

HE785 - ASPHALT EMULSION TROWEL GRADE:

- Is good for use as below-grade dampproofing of walls and foundations
- Is excellent for lining concrete and masonry planters
- May be used on "green", uncured, or damp surfaces
- Is corrosion resistant
- Can be used above-grade for dampproofing cavity walls
- Is useful in dampproofing of gypsum wall board assemblies

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Coverage

Coverage of this product is about 2 to 3 gallons per 100 square feet per coat. See Application information below.

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, using a sealant compatible with asphalt.

Application

Stir coating thoroughly. A tighter bond will result if surface is damp when coating is applied. Apply by trowel. For best results, keep strokes in one direction and apply additional coats at a right angle to the former coat. Avoid excessive troweling. Apply when air temperature is at least 45° F. and rising. Do not apply if there is a threat of rain or temperature below 40° F. within 24 hours.

Dampproofing of Exterior Surfaces Below Grade--Dense Surfaces: For dense concrete surfaces, a single coat of **HE785 - ASPHALT EMULSION TROWEL GRADE**, approximately 1/16" to 1/8" in thickness is generally adequate. For severe conditions, two coats are preferable. Apply each coat at 2 to 3 gallons per 100 square feet, allowing 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, corners, reveals, and soffits. Bring the coating to finished 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 prime coat of **Henry Emulsion Primer or Henry # 788 Non-Fibered Asphalt Emulsion Dampproofing**, cut 20% by volume with clean water, over entire prepared surface. Apply prime coat at a rate 1.5 gallons per 100 square feet. Allow prime coat to dry and apply 1 coat of **HE785 - ASPHALT EMULSION TROWEL GRADE** as described under Dense Surfaces. Allow to set at least 24 to 48 hours and backfill as previously described.

B) Membrane System: For severe conditions or added protection, apply a prime coat followed by a coat of **HE785 - ASPHALT EMULSION TROWEL GRADE** 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 **HE785 - ASPHALT EMULSION TROWEL GRADE**; allow to set 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 footing. Allow to cure. Apply 1 to 2 coats of **HE785 - ASPHALT EMULSION TROWEL GRADE** as described under Dense Surfaces. Allow to set and then backfill as previously described.

Interior Surfaces Above Grade--Breathable Moisture Barrier: **HE785 - ASPHALT EMULSION TROWEL GRADE** provides a breathable moisture barrier used for dampproofing the exterior face of interior walls in cavity wall construction where negative vapor transmission is required. **HE785 - ASPHALT EMULSION TROWEL GRADE** is compatible with masonry, concrete, CMU, and gypsum sheathing. Apply either product in 1 coat, carrying the coating 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.

Precautions

Do not apply when air temperature is below 45° F or if there is a threat of rain or temperatures below 40° within 24 hours. Do not heat container or store at temperatures greater than 120° F. **DO NOT ALLOW COATING IN PAIL TO FREEZE.** When transporting this product, be sure the pail is secured and the lid is tight. Do not allow pail to tumble; this may loosen the lid and cause leakage.

Cleanup

Fresh coating can be removed with water. Use kerosene or mineral spirits if material is dry. Clean hands with 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. 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, 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

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.**