

HEF WATERBASE EPOXY PRIMER

PRODUCT DESCRIPTION

HEF Waterbase Epoxy Primer is a two component 1:1 mix ratio to be used as a primer for Hallemitte Flooring Systems. It can also be used as a light duty floor coating/sealer. It forms a thin film sealer epoxy coating and is non-flammable with zero VOC.

ADVANTAGES

- Easy to Mix (1:1 mix ratio)
- Quick Installation
- Durable and Long Lasting
- Available in Clear and Limited Pigmented Colors
- Non-Flammable
- Spread Rate 200 – 250 Square Feet Per Gallon

LIQUID CHARACTERISTICS @ 65°

Appearance	Milky Liquid, Dries Clear
Viscosity	
Resin	100 – 120 cps
Hardener	3,000 – 3,500 cps
Mix, approx.	2,500 cps
Total Solids	40% ± 5 by Weight
Flash Point	None
Working Time	1 – 2 Hours
Touch Dry	1 – 3 Hours

SOUND and DURABLE CONCRETE

Sound and durable concrete should be crack free and have a cap pull-off strength of 180 psi, per ACI 503 R.

CRACKED CONCRETE

Repair cracked concrete with Hallemitte 120 Non-Sag Epoxy Paste Adhesive per the manufacturer's recommendations.

NOTE: Primer recommended on concrete to avoid "out-gassing" (air bubbles) related problems associated with porous concrete.

TYPICAL PHYSICAL PROPERTIES

60 Gloss	90+
ASTM D-523	
Impact Resistance	>160
ML D-2794	
Adhesion	400 psi
ASTM D-4541	
Hardness	
ASTM D-3363	4H
ASTM D-2134	40+
Flexibility (1/4: Cylindrical Mandrel)	Pass
ASTM D-1737	
Elongation	6 – 10%
ASTM D-2370	
Re-Coat Time @ 70°F	4 – 5 Hours
Coefficient of Friction	>0.6
ASTM D-2047	
Abrasion Resistance, 1,000 Cycles	35 mg loss
ASTM D-4060	CS17 Wheel (1000g load)

STORAGE

Store in tightly capped plastic containers. DO NOT FREEZE. Shelf life: 6 months.

SURFACE PREPARATION

The substrate must be clean (free of dirt, dust, paint, grease, oil, rust and other contaminates), sound and durable. New concrete must be fully cured (28 days minimum) and all laitance and curing compounds removed. Suitable preparation methods include grit blasting, scarification and acid etching. The recommended minimum pull-off strength of the prepared substrate is 200 psi.

MIXING INSTRUCTIONS:

Combine 1 part (by volume) of Part A (base) to 1 part (by volume) of Part B (hardener) in a clean container. Mix at very low speed (550 rpm) to minimize air entrapment.

For best results, apply at room temperature between 50°F to 85°F with relative humidity – not to exceed 85 percent. A decrease or increase of 5 degrees of temperature is acceptable under certain conditions. Consult the manufacturer for additional information.

Apply Hallemite Waterbase Epoxy Primer with a sprayer, roller or brush. Apply evenly without entrapping too much air in the coating or leaving any puddles.

LIMITED WARRANTY (abridged)

Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of the system/product. No express warranty is made by the seller or manufacturer with respect to the results of any use of the product. **NO IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO AN IMPLIED WARRANTY OF MERCHANTABILITY, OR AN IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE MADE WITH RESPECT TO THIS SYSTEM/PRODUCT.** Neither seller nor manufacturer assumes any liability for personal injury, loss, or damage resulting from the use of this product. In the event that the product shall prove defective, buyer's exclusive remedy shall be as follows: Seller or manufacturer shall, upon written request of buyer, replace any quantity of the system/product which is proven to be defective, or shall, at its option, refund the purchase price for the system/product upon return of the system/product. *(See Hallemite Price Schedule for full limited warranty)*

SPECIAL NOTE: The Company reserves the right to alter or discontinue the system/product described herein at any time without prior notice.

QUESTIONS?

For questions on product availability or to obtain installation instructions, contact the RBC Industries, Hallemite Products Sales Department.

KEEP OUT OF REACH OF CHILDREN BEFORE AND DURING PLACEMENT