

# HEF UV P8, P15 and HEW UV P8 Wall Coating

## PRODUCT DESCRIPTION

HEF UV and HEW UV Pigmented are 100% solids, solventless, high build, two-part epoxy for floors and walls. It is durable, abrasion resistant as well as resistant to UV Degradation.

HEF UV and HEW UV Pigmented are designed to enhance the appearance and protect concrete substrates. It can be used in commercial, industrial and institutional environments where a solid color, ultra-violet light stable and chemical resistant floor or wall epoxy is desired. It is not intended for exterior use.

An optional stippled or orange peel finish is also available for use with HEF UV Clear and HEF UV P8 Pigmented Products. It is designed to be used as the topcoat on Coatings, Broadcasts, Slurry and Troweled Flooring Systems. It is 100% solids and is solventless.

## ADVANTAGES

- Meets or Exceeds USDA, FDA and OSHA Requirements
- Resistant to UV Degradation
- Available in Standard and Custom Colors
- Resistant to Chemical Attack and Etching
- Quick Installation
- Durable and Long Lasting
- Surface Texture is Smooth to Slight Orange Peel (*depending on application technique*)
- Resistant to Algae, Fungi, Mildew & Mold (*does not promote bacterial growth*)

## 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 gritblasting, scarification and acid etching. The recommended minimum pull-off strength of the prepared substrate is 200 psi.

## 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.

## TYPICAL PHYSICAL PROPERTIES

@ 75°F (23°C)

Physical Properties	Test Method	Result
Mix Ratio A:B		2:1 by volume
Pot Life		30-55 minutes
Dry to Touch		5-6 hours
Tensile Strength (Resin), min.	ASTM D 638	4,000 psi
	ASTM C 307	1,800 psi
Compressive Strength, min.	ASTM D 695	15,000 psi
	ASTM C 579	10,500 psi
Flexural Strength, min.	ASTM D 790	4,000 psi
Bond Strength	ASTM D 4541	>400 psi
Impact Strength, Passing	MIL D 3134	No Chipping, Cracking or Delaminating
Hardness (Resin)	ASTM D 2240 SHORE D	75 – 80
Abrasion Resistance	ASTM D 4060	0.15 gr
	Tabor Abrader C 17 1000 gram load, 1000 cycles	
Water Absorption, max.	ASTM D 570	0.2%
Flammability	ASTM D 635	Self Extinguishing
Yellow Index	ASTM D 1925	<15 @ 2,000 Hours
Anti-Microbial Resistance	ASTM G 21	Passes
Coefficient of Friction, Smooth	ASTM D 2047	0.7 Smooth
		0.8 Orange Peel

To increase the Coefficient of Friction, broadcast angular aluminum oxide into the wet epoxy.

## **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**