

## HEF UV COVE GEL

### PRODUCT DESCRIPTION

HEF UV Cove Gel Non-Sag Epoxy Paste is a 100% solids, solventless, two component epoxy. It is designed for vertical applications where extra non-sag properties are required. Cove Gel can be used as a primer, a Mortar System and a Sealer, saving on installation time.

### ADVANTAGES

- Meets or Exceeds USDA, FDA and OSHA Requirements
- Resistant to UV Degradation
- Non-Abrasive Buttery Consistency
- Can be Pigmented (see Hallemite Color Chart) (For Pigmenting Contact RBC, Inc. Tech Service Department)
- Resistant to Algae, Fungi, Mildew & Mold (does not promote bacterial growth)
- Resistant to Mechanical Wear
- Resistant to Chemical Attack and Etching

### PRODUCT INFORMATION

|                         |            |                    |
|-------------------------|------------|--------------------|
| Mix Ratio               | A:B        | 2:1                |
| Color                   | Part A     | Milky White        |
|                         | Part B     | White              |
| Non-Sag Characteristics |            | 10 – 20 Mils       |
| Potlife                 | 150 gr     | 30 Minutes Minimum |
| Open Time               |            | 1 Hour             |
| Packaging, Unit Sizes   | 3 gal kit  | 2A:1B              |
|                         | 15 gal kit | 2A:1B              |
| Storage Temperature     |            | 40°F ( 5°C)        |
|                         |            | to 90°F (32°C)     |

### TYPICAL PHYSICAL PROPERTIES

@ 75°F (23°C)

| Physical Properties            | Test Method | Result   |
|--------------------------------|-------------|--|
| Tensile Strength (Resin), min. | ASTM D 638  | 5,000 psi  |
|                                | ASTM C 307  | 2,000 psi  |
| Compressive Strength, min.     | ASTM D 695  | 17,520 psi   |
|                                | ASTM C 579  | 12,900 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 | 75 – 80  |
|                                | SHORE D     |  |
| Abrasion Resistance            | ASTM D 4060 | 0.15 gr<br>Tabor Abrader C 17<br>1000 gram load, 1000 cycles |
|                                |             |  |
| Water Absorption, max.         | ASTM D 570  | 0.2%   |
| Flammability                   | ASTM D 635  | Self Extinguishing   |
| UV Exposure QUV @ 72 hours     | ASTM D 4587 | 1.25 – 1.60  |
| Yellow Index                   | ASTM D 1925 | <15 @ 2,000 Hours  |
| Anti-Microbial Resistance      | ASTM G 21   | Passes   |

### SURFACE PREPARATION

Substrate must be sound and durable, and free of dirt, curing compounds, oils, laitances, and other contaminates. New concrete should be cured a minimum of 28 days. Suitable preparation methods include vacuum blasting, sandblasting, water cutting, chipping and scarification. Acid etching is not encouraged, although it may be necessary.

See ACI 503 for more details.

## **LIMITED WARRANTY** (abridged)

Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of the system or 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 or 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 or product which is proven to be defective, or shall, at its option, refund the purchase price for the system or product upon return of the system or 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**