



## **Instructions - High Solids Silicone Roof Coating over EPDM roof surfaces**

### **1 Examination**

- A. Identify all seam failures, flashings failures and inadequate sheet metal details.
- B. Inspect all roof drains to ensure proper performance.
- C. Inspect all roof system fasteners for back out.

### **2 Preparation**

- A. Membrane Cleaning:
  1. Apply Home-Sil RP 1.2 EPDM Rinseable Primer at a rate of 400 sq ft per gallon.
  2. Let primer stand for 15 minutes and rinse off with clean water.
  3. Thoroughly powerwash roof surface and all other areas to receive new coating with a minimum of 2,000 psi water pressure. Be sure not to damage existing membrane during this process.
  4. Apply Home-Sil RP 1.1 Epoxy Primer over cleaned membrane at a rate of 250 to 300 sq ft per gallon.
  5. Any areas of grease contamination are to be cleaned with an industrial strength detergent.
- B. Flashings Details: Ensure all existing flashings provide a watertight condition. If necessary, re-flash any trouble areas with FG 400 Flashing Sealant.

### **3 Silicone Coating Installation**

- A. Ensure surface is completely dry.
- B. Ensure subsequent coats of primer or silicone coating is completely cured.
- C. Install silicone coating in one pass over entire roof surface at a rate of 25 mils minimum. Application rate should be 2.0 gallons per 100 square feet.
- D. NOTE:
  1. Over some asphalt based or EPDM based products, a slight bleed-through or “yellowing” may occur through the silicone coating. This is only a cosmetic issue and will not affect the performance of the system

### **4 Protection of Finished Work**

- A. Ensure roof surface is free of traffic for minimum of 24 hours after silicone coating application or until coating is completely cured.