

## 27 Fibered Perfectseal Aluminum Exterior Coating

### DESCRIPTION:

Karnak #27 Fibered Perfectseal Aluminum Exterior Coating is made of selected asphalts and pigment flakes of pure aluminum, blended with petroleum solvents and mineral fibers. When Karnak #27 Fibered Perfectseal Aluminum Exterior Coating is applied to the roof, the aluminum flakes leaf to the surface, forming a reflective, metallic shield over the base material.

The advantages of this metallic aluminum shield are twofold:

- A. The asphaltic oils in the base coating are protected from harmful intense rays of the sun by the reflective properties of the aluminum. Over 50% of the sun's rays are reflected by this aluminum shield, thereby preventing these oils from being "cooked" out of the base coating. The coating, therefore, retains its resilient characteristics and will not prematurely crack or dry out.
- B. During the hot summer months, Karnak #27 Fibered Perfectseal Aluminum Exterior Coating will help reduce indoor building temperatures and improve inside living and working conditions. Karnak #27 Fibered Perfectseal Aluminum Exterior Coating prevents the sun's rays from penetrating the roof coating and passing the heat into the building interior.

The combination of these protective materials - aluminum, asphalt and reinforcing fibers - by the exclusive Karnak process results in a self-protecting roof coating with longer-lasting heat resistant features. Karnak #27 Fibered Perfectseal Aluminum Exterior Coating remains tenaciously bonded to the base material, thus assuring longer roof life, with subsequent savings on roof maintenance.

### SURFACE PREPARATION:

All surfaces should be clean, dry and free of dust, dirt, oil and other foreign matter. Repair all cracks and blisters. New BUR asphalt roof surfaces should weather a minimum of 180 days before being coated with Karnak #27 Fibered Perfectseal Aluminum Exterior Coating. However, Karnak #27 Fibered Perfectseal Aluminum Exterior Coating can be coated on roofs 3 to 5 days after Karnak asphalt emulsions have been applied. Badly weathered or alligatored asphalt surfaces should be primed with Karnak 100 Non-Fibered Emulsion or 220 Fibered Emulsion prior to coating with 27 Fibered Aluminum Coating. Allow emulsion primer to cure a minimum of 3-5 days before application of aluminum coating.

# KARNAK

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### APPLICATION:

Karnak #27 Fibered Perfectseal Aluminum Exterior Coating should be spread uniformly over the roof surface. Care should be taken not to overwork the coating during application. This could have a damaging effect on the leafing of the aluminum. Pour the correct amount of aluminum coating to cover a given area and apply uniformly. Be sure to mechanically mix the aluminum coating thoroughly before using. Karnak #27 Fibered Perfectseal Aluminum Exterior Coating can be applied with a soft roof brush, roller or spray.

### COVERAGE:

Apply at the rate of 1 to 1.5 gallons per 100 sq. ft.

### SPECIFICATIONS:

ASTM D-2824 Type III

### Note: Coating Modified Bitumen Membranes with Aluminum Coatings

Karnak recommends coating torch-applied modified bitumen membranes as soon as possible after the membrane is installed.

Karnak's experience, laboratory and field tests, as well as NRCA, RCMA and ARMA reports, indicate that aluminum coating will reduce the combined effects of ultraviolet rays, heat and moisture, which, especially on APP modified bitumens, enhance exudation that can cause discoloring and delamination of any surface coating. After 60 days, recommended application temperatures are 50° Fahrenheit and rising. Must not come in contact with any type of moisture within 24-48 hours after application.

COLD-PROCESS SYSTEMS AND COATINGS, EITHER EMULSION OR SOLVENT BASED, SHOULD ONLY BE INSTALLED ON DECKS WITH POSITIVE DRAINAGE.

PER NRCA, (NATIONAL ROOFING CONTRACTORS ASSOCIATION) "THE CRITERIA FOR JUDGING PROPER SLOPE FOR DRAINAGE IS THAT THERE BE NO EVIDENCE OF STANDING WATER ON THE DECK 48 HOURS AFTER IT STOPS RAINING."

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**CAUTION:**

Do not use near open flame. Avoid breathing solvent fumes and prolonged contact with skin. Do not take internally. If swallowed, **do not induce vomiting**. Call a physician immediately. Keep out of reach of children. Keep container covered when not in use. **Do not thin**. Dispose of in an environmentally safe manner. Cover air intakes during application and while drying.

**CARE OF TOOLS:**

Tools and other equipment should be thoroughly cleaned after use with mineral spirits or petroleum solvents, taking the necessary precautions when handling combustible materials.

**PACKAGING:**

Available in 5 gallon pails and 55 gallon drums.

**If further information is required, please contact Karnak's Technical Service Department at 1-800-526-4236.**

Please see page 222 for additional mold and safety information.

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