



K107 ALUMI-SHIELD

**Professional Grade Aluminum Roof Coating
Protects, Waterproofs & Prolongs The Life Of The Roof
Saves More Energy Costs By Reflecting More Sunlight
Protects Metal Against Rust & Corrosion**

Alumi-Shield is a professional grade reflective coating containing 2# of high quality aluminum paste per gallon in a non-asbestos fibered asphalt base. The high concentration of aluminum paste in this coating make it a long lasting and highly reflective coating. This aluminum coating will serve as a weatherproof barrier as it reflects the sun's damaging rays. This will prolong the roof surface over which it is applied, and keep the building cooler in the summer. **Alumi-Shield** can be applied over asphalt, felts, composition, or metal surfaces.

ALUMI-SHIELD MEETS THE REQUIREMENTS OF ASTM D2824 TYPE III. THE ALUMINUM PASTE MEETS THE REQUIREMENTS OF ASTM D962.

USES: **Alumi-Shield** is excellent for coating metal roofs, silos, barns, felts, built up asphalt roofs, and smooth surface SBS modified roll roofing.

PREPARATION: Surfaces to be coated must be clean and dry. Remove all dirt, dust, debris, or other foreign matter by using a stiff brush, forced air, or hosing off the roof. Remove rust with a wire brush. If using on metal roofs, securely attach any loose panels before using **Alumi-Shield**. If applying over built up asphalt roofs, repair all splits, cracks, or blisters with Kayline **Dura-Patch**. Allow roof cement to dry thoroughly before applying aluminum coating.

APPLICATION: Stir coating thoroughly. Mechanical mixing is preferable, However, if it is not available, use a stick with edges. Stir occasionally during use. For best results apply in the sunlight on a warm day. The application temperature is a minimum of 50°F and rising. Apply by brush or spray. A minimum of 24 hours of dry weather is needed for proper results. Coating should not be applied when precipitation is expected before the coating is able to dry. Moisture can cause the **Alumi-Shield** to dry dull, brown, or with brown streaks or spots.

COVERAGE: Approximately 1.5 gallons per 100 square feet on metal or single ply roofing, and 2 to 3 gallons per 100 square feet on asphalt, felts, or composition roofing. If this coating is applied too thick it can crack and dry brown or with brown streaks or spots.

Restrictions: For exterior use only. Do not thin. Do not use where material may come in contact with potable water. Do not use on wood surfaces or slate or asphalt shingles. Do not use over coal tar or silicone. Do not use on single ply EPDM rubber or plastic membranes. Do not heat over direct flame. Do not apply to new asphalt roofs which have cured less than 30-90 sunny days, or asphalt emulsions less than 7-30 sunny days. The number of days depends on the number of plies of coating applied.

Clean Up: Tools and equipment: mineral spirits. Skin: waterless hand cleaner.

V.O.C.: 420 grams/liter maximum. Do not thin.