



#28 Fibered Aluminum

DATA SHEET

FOR PROFESSIONAL USE ONLY

COMPLIANCE: Exceeds performance requirements of ASTM D2824, TYPE III. Miami-Dade County Product Control Approved.

DESCRIPTION: Use TopShield PRO #28 Fibered Aluminum to reflect UV rays and blistering heat. TopShield PRO #28 provides a bright and lasting finish over APP, SBS, BUR Systems and metal.

PREPARATION: All surfaces must have proper drainage and be clean, dry and free of surface rust and any other foreign matter. Repair all leaks and problem areas with a white roof patch and polyester fabric. These products allow finish coat application after 48 hours cure time. Priming, using an emulsion is recommended. When applying this product over a new roof system or a solvent based product, surface must weather a minimum of 30 days and up to 90 days depending on application. **DO NOT HEAT OR THIN. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 36 HOURS.**

FOR BEST RESULTS: STIR CONTENTS BEFORE AND DURING USE AS REQUIRED. Aluminum pigment settles out and thorough stirring is necessary to re-disperse this component prior to use. A power drill mixer can be very helpful to mix product. In cold weather, store product in heated room (65 °F to 80 °F) at least 24 hours prior to coating.

APPLICATION: For exterior use only. Protective clothing, gloves, and eyewear should be used during application of this product. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Temperatures must be above 50 °F (for 24 hours) and rising, but not above 110 °F. Mix coating and apply evenly using professional airless sprayer, brush or roller. Spread in both horizontal and vertical directions, overlapping ends of strokes. Avoid excessive build-up or puddling. When brushing, avoid scraping into existing roof surface. All finish strokes should be made in the same direction. When buying multiple containers, it is recommended to match the batch codes on the lids to avoid shade variances.

COVERAGE RATES: (may vary depending on texture of surface) Built-up (Smooth Surface), Granular Surface and Metal Roofing: 1 to 1 1/2 gal. per 100 sq. ft. Avoid foot traffic once applied. Apply to sound surfaces in good condition.

SPRAY INFO: 1500-2000 PSI, .055-.061 Tip Size, 1.5-2.0 GPM

NOTE: This product is not recommended for use on wood or asphalt shingles. Standing water dulls aluminum, and may cause adhesion failure between the coating and substrate. In warmer weather, application to steep slopes may result in some running of the coating until fully dry.

STORAGE & HANDLING PRECAUTIONS: This product contains solvents. When working around ventilation units or HVAC equipment, ensure proper fume mitigation procedures are taken to avoid fumes and/or odors from entering air handling equipment and building. When transporting this product, ensure that lid is tight and pail is secure and upright. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. Do not store at temperatures above 110 °F. The container should be tightly sealed to prevent solvent evaporation and to keep out moisture. **WATER MAY REACT WITH ALUMINUM PIGMENT TO PRODUCE HYDROGEN GAS, AND EXPLOSION HAZARD.** This manufacturer also disclaims liability for flat surface application where poor drainage or moisture may prevail. For exterior use only.

CLEAN-UP: Clean tools with paint thinner or mineral spirits.

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	8.0 lbs.
Residue by Evaporation	55 min.
Reflectivity (ASTM C523)	60% min.
Combustible Solvents	Mineral Spirits
Consistency	Brush, Roller or Spray
Cure Time (50% Relative Humidity, 70°F)	4 - 8 hours
Full Cure (50% Relative Humidity, 70°F)	24 - 48 hours
Application Temperatures	50 °F - 120 °F
Flammability	105 °F
Clean-up Tools	Paint Thinner, Mineral Spirits

Approx. Shipping Weights: (Note: All approx. weights include container)

5 gallons (18.9L)	42 lbs.
55 drums (208.2L)	490 lbs.

VOC: <400 g/L (regulatory) - California

VOC: <500 g/L (regulatory) - US

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Manufactured For:
SRS Distribution, Inc.
7440 S. Hwy 121
McKinney, TX 75070

See SDS for more information

SRS Distribution • 7440 S. Hwy 121 • McKinney, TX 75070
Phone: 214.491.4149 • Fax: 214.491.4156 • topshieldproducts.com

