

COLUMBIA STERLING ALUMINUM FIBRE COATING

PRODUCT DESCRIPTION

Columbia Sterling Aluminum Fibre Coating is an asphalt based fibered aluminum roof coating designed to stop rust and prolong the life of metal roofs. Manufactured from the highest grade of asphalt and aluminum pigment, Columbia Sterling beautifies, protects and reflects in a one coat application.

QUALITY DESIGN

When manufacturing aluminum roof coatings, the quality of the aluminum pigment used is just as important as the quantity. While some aluminum roof coatings contain granular particles of aluminum roughly oval or spheroidal in shape, Columbia Sterling is manufactured using only the finest grade of flaked aluminum paste whose length and width dimensions are many times their thickness. It is this flaked aluminum that results in a coating consisting of numerous layers of aluminum with layers of asphalt in between. These layers allow Columbia Sterling to withstand temperature changes, providing increased resistance to cracking, distortion, and flaking off. Multiple layers also provide longer coating life because as weather erodes the surface layer, there are always more layers of aluminum underneath. Columbia Sterling Aluminum Fibre Coating outperforms the competition.

USES

Although primarily intended for application to metal roofs, sidewalls of buildings and

grain bins, Columbia Sterling is an excellent coating for use on built-up asphalt (BUR) and concrete surfaces. It is also highly recommended for the outside of silos, storage facilities and tanks. It provides an attractive appearance of durable aluminum, coupled with the heat resisting qualities of up to 80% heat reflection. This reduces the evaporation losses of solvent storage and reduces fire danger in dry storage.



LONG LASTING AND COST EFFECTIVE

Because the aluminum reflects most of the sun's ultra-violet rays, it protects the asphalt from UV attack to greatly prolong the life of the coating. By reflecting heat Columbia Sterling helps reduce roof movement (expansion and contraction) which tugs on fasteners, resulting in increased roof life.

SHIELD OF PROTECTION

Columbia Sterling cures to a metallic shield providing a tough, yet resilient, coating able to resist the ravages of the elements. A

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specially compounded asphalt base allows a “free leafing” of the flakes providing a reflective finish. Columbia Sterling stays brighter longer.

A ONE COAT FINISH—RIGHT OVER RUST

Limited surface preparation is necessary for application of Columbia Sterling over rusty metal. Any loose scale should be removed as should any peeling paint and/or coatings. It is not necessary to sandblast to bright, shiny metal prior to application. This reduces application time and results in lower labor costs. The asphalt in Sterling bites into the pores of the metal surface, preventing further rust.

GUARANTEED TO STOP RUST



When spray-applied to a properly prepared surface at the recommended rate, Columbia Sterling will stop rust for at least 10 years from the date of application. This rustproof warranty is provided in writing and backed by Cen-Pe-Co.

SURFACE PREPARATION

Surfaces should be clean and dry. On metal, all loose, scaly, flaking rust, and/or paint should be removed completely. Power washing of metal surfaces is recommended. New galvanized surfaces

should weather at least 6 months prior to application. Roofs should be in leak-free condition prior to application. All patching materials used should be allowed to cure completely prior to coating. When used over fresh asphaltic coatings, allow 60 to 90 days cure time prior to applying Columbia Sterling.

APPLICATION

Application can be by means of brush or power spray equipment. Product should be stirred thoroughly before use. When brush applied, the finish strokes should all be in the same direction. This will prevent shading of the product.

COVERAGE

	Gallons Per 100 Square Feet
Surface	
Metal Roofs.....	1½-2 Gallons
Metal Sidewalls.....	1½ Gallons
Concrete.....	2 Gallons
BUR.....	2-3 Gallons

LIMITATIONS

Do not use on tar, dead level asphalt, or wood shingles. Do not apply when rain is imminent. Do not overbrush.

TECHNICAL DATA

Total Solids	60% by weight
Asphalt Solids	35% by weight
Synthesized Fibration System (non-asbestos)	11% by weight
Aluminum Paste	2 lb./gallon
Density	9 lb./gallon
Specific Gravity	1.1
Flash Point	160°F.
VOC	< 500 g/l
Recommended Coverage Rate	1½-2 gallon/square
Dry Film thickness (at recommended coverage)	10-15 mils
Softening Point of Cured Asphalt	170°-175°F.
Heat Reflectiveness	Lowers interior temperatures up to 15°
Drying Time	4-24 hours, depending on heat and humidity
Clean Up	Mineral Spirits
ASTM Specification:	
Sterling Aluminum Fibre Coating	ASTM D-962-66 Type III
Asphalt	ASTM D-41
Aluminum Paste	ASTM D-962-66 Type I Class C