

# Laurenco Neoluminum #A22905

## Data Sheet

### ALUMINIZED RUBBER ROOF COATING

#### PROTECTS – PRESERVES – INSULATES

**LAURENCO NEOLUMINUM** roof coating provides the building owner with the ultimate in aluminum roof coatings. By utilizing the finest asphalt, with a selection of top quality synthetic rubber and a minimum of 4.36 lbs. of aluminum paste per gallon, **LAURENCO NEOLUMINUM** can provide your building with the maximum possible protection.

**LAURENCO NEOLUMINUM** withstands extreme structural stress without cracking or splitting. Our synthetic rubber offers increased resistance to moisture, extreme flexibility, excellent chemical resistance and an extended life expectancy over common aluminum coatings. By using 4.36 lbs of aluminum paste per gallon, a brighter appearance is achieved which reduces roof temperature and increases life span.

**LAURENCO NEOLUMINUM** can actually reduce under-roof temperature by as much as 20 degrees F. It also reduces air conditioning requirements by as much as one ton for every 1,500 sq. ft. In essence, **LAURENCO NEOLUMINUM** actually pays for itself.

#### NEOLUMINUM MAJOR ADVANTAGES

- FINEST QUALITY ALUMINUM FLAKES SPREAD EVENLY
- SYNTHETIC RUBBERS PROVIDE SUPERIOR MOISTURE RESISTANCE AND FLEXIBILITY
- REDUCES MOISTURE CONDENSATION
- BRIGHT DECORATIVE FINISH PROVIDES MAXIMUM REFLECTION
- WATERPROOFS, INSULATES, AND PRESERVES

An unequalled rubberized aluminum roof coating containing only the finest in virgin asphalt, clean non-recycled solvents, finest grades of aluminum paste (minimum 4.36 lbs. per gallon) and reinforced with top quality synthetic rubber. **LAURENCO NEOLUMINUM** combines these major elements to provide the building owner with the ultimate in aluminum roof coating.

Due to the high concentration of aluminum paste, synthetic rubber and solids content of the asphalt, **LAURENCO NEOLUMINUM** equals 8 to 12 coats of aluminum paint in mil thickness, providing a tough resilient weathering surface.

### **SYNTHETIC RUBBERS**

Because of the synthetic rubber additives, **LAURENCO NEOLUMINUM** is the ultimate in roof coating. Combining the synthetic rubber with heat resistant aluminum paste, our product keeps your roof cool and water-tight.

### **EXTENDED LIFE**

The combination of quality asphalt, impermeable aluminum paste and synthetic rubber add years of life to the roof assembly by absorbing movement and keeping moisture out while reflecting the sun's heat.

### **REDUCTION OF UNDER-ROOF TEMPERATURE**

**LAURENCO NEOLUMINUM** reflects up to 71% of the sun's heat. Tests have proven that direct under-roof temperature can be reduced as much as 20 degrees F within minutes after application of **LAURENCO NEOLUMINUM**.

### **REDUCES AIR CONDITIONING COST**

By reducing under-roof temperatures, an automatic reduction of interior temperature results; logically reducing air conditioning requirements. In essence, **LAURENCO NEOLUMINUM** pays for itself.

### **MINIMUM MAINTENANCE**

There are no hidden cost factors using **LAURENCO NEOLUMINUM**, and no priming agents are required before application. **LAURENCO NEOLUMINUM** can be used on smooth asphalt roofs and metal buildings. **LAURENCO NEOLUMINUM** can also be used for flashings. By reducing roof temperatures, a roof assembly is less susceptible to blistering and alligating.

## PREPARATION

Remove all loose dirt, dust and debris from roof. On metal roofs, remove all loose scale and rust. There is no need for primers. All repairs must be made with **LAURENCO MAINTENANCE PRODUCTS**. All panels in metal roofs should be tightly secured.

**\*Contact your Laurenco Representative for detailed specifications.**

## APPLICATION

Stir **LAURENCO NEOLUMINUM** thoroughly prior to application. **LAURENCO NEOLUMINUM** may be spray applied. For smooth asphalt applications, the rate of material application will be between 2 and 3 gallons per 100 sq. ft., dependent on surface irregularity. For metal roof applications, the rate material application will be between 1 ½ to 2 ½ gallons per 100 sq. ft.

## MATERIAL SPECIFICATIONS

NEOLUMINUM ROOF COATING	NEOLUMINUM	REGULAR ALUMINUM
Flash Point (ASTM D93)	100°F (38°C) Min.	100°F (38°C) Min.
Weight per Gallon (approximate)	9.2 lbs/gal	8.5 lbs/gal
Viscosity at 80°F (27°C) (ASTM D562)	120-145 K.U.	100-125 K.U.
Non Volatile (Fed. Test. Meth. 141)	55% Min.	50% Min.
Percent of Specially Processed Asphalt	25% Min.	25% Min.
Percent of Polished Aluminum Leafing Paste	25.4% Min.	13% Min.
Type Aluminum Paste, TT – P – 320C, Type II	Class 3	Class 2
Percent of Total Solids, by Volume	55% Min.	35% Min.
VOC	358 g/L	409 g/L
Film Thickness of 1 Gal/100 sq. ft. (Less absorption by surface)	12 Mils.	5 Mils.
Drying Time	Overnight	Overnight
Service Temperature extended exposure	-20° to 180° F (-29° to 82°C)	-20° to 180° F (-29° to 82°C)
Resistance to Oils and Solvents	Fair	Poor
Resistance to Sunlight	Excellent	Excellent
Resistance to Chemicals	Fair	Poor
Effect of Weathering	Very Slow Erosion	Slow Erosion
Water Resistance Under good drainage conditions	Excellent	Excellent

Under continuous submersion	Good	Poor
Approximate Coverage Per Gallon		
On metal	75 sq. ft.	75 sq. ft.
On roofing felts	50-75 sq. ft.	50-75 sq. ft.
On slate surfaced materials and concrete	50 sq. ft.	50 sq. ft.
On gravel roofs	Do not use	Do not use
Shipping Weight:		
55 Gal. Drum	522 lbs.	495 lbs.
5 Gal. Pail	48 lbs.	45 lbs.
1 Gal. Cans (6 per case)	58 lbs.	56 lbs.

