

# LUCAS

Coatings & Mastics for the Roofing Trade



[www.RMLUCAS.com](http://www.RMLUCAS.com) • 773.523.4300





## High-Solids Moisture-Cure Coatings & Mastics

Lucas #8000 100% Silicone Roof Coating is a 98% solids moisture-cure coating intended for the repair and restoration of asphalt, modified bitumen, metal, concrete, TPO, PVC, KEE(Fibertite), Hypalon (CSPE), PIB and EPDM roofs. Silicone's low water absorption allows for improved ponding water resistance. Fast cure time allows for same day recoating. Contains no solvents and is low odor and no water so it will not freeze. VOC compliant in all of North America. #8500 is a thicker mastic version of #8000 for repairs. When installed in white, #8000 will reflect solar energy and reduce interior building temperatures while improving the efficiency of rooftop air conditioning units.



### 8000 100% Silicone Roof Coating



98% solids moisture-cure silicone coating for all types of roofs. Contains no solvents or water. Available in white and gray. Ponding Water resistant.

1 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓



### 8500 100% Silicone Sealant



98% solids moisture-cure silicone sealant for repairing all types of roofs. For use with #8000 silicone coating or as a topical repair product. Contains no solvents or water. White.

1 gal. pails	3 gal. pails
✓	✓

### 4500 Semi-Selfleveling Sealer



100% solids moisture-cure urethane sealant. Use to construct liquid flashing systems on all types of roofs. Resistant to grease, fats and oils. Compatible with Lucas modified urethane and water-based acrylic coatings. Ideal for sealing metal roof seams and fasteners, pitch pockets and miscellaneous repairs on single ply membranes. Black and White.

28 oz. tubes	2 L. pouches
✓	✓

### 4000 Polyurea Traffic Deck Coating



A 100% solids two component fast setting chemical cure waterproof coating designed for patios, balconies, chemical containment areas and other area where durability wear resistance is needed. #4000 is UV stable and contains no solvents or toxic substances. Available Clear, Gray, and Sandstone/Tan.

3 gal. pails
✓





# Solvent-Based Elastomeric Coatings & Cements LUCAS

## 5000 Thermoplastic Roof Coating

Solvent-based elastomeric top coating for metal, TPO, Hypalon and concrete roof restoration. Prevents leaks and further rust development. Available in cool white and in colors.

5 gal. pails	55 gal. drums
✓	✓



## 5100 Thermoplastic Base Coating

Solvent-based elastomeric base coating for metal and low-slope roof restoration. Excellent adhesion, prevents leaks and rust development. Light gray color for easy differentiation from top coating.

5 gal. pails	55 gal. drums
✓	✓

## 5500 Seam Sealer

Intended for sealing seams and fasteners on metal roofs and TPO. Available in two grades with different viscosities and leveling characteristics.

Sizes Avail	30 oz. tubes	3 gal. pails	5 gal. pails	55 gal. drums
5500 G			✓	✓
5500 M	✓	✓	✓	

## 5400 Thermoplastic Rubberized Asphalt Sealant



Thermoplastic Rubber Sealant modified with asphalt. Ideal for repairs to asphalt, modified bitumen and metal roofs. Manufactured with light stable SEBS polymers. Available in brush, trowel and caulking grades. Use with #637 Elastomeric Aluminum Coatings.

Sizes Avail	10 oz. tubes	1 gal. pails	3 gal. pails	5 gal. pails
5400 B		✓	✓	✓
5400 T		✓	✓	
5400 C	✓			

## 5900 Clear Brushable Sealant — Solvent Based

Clear waterproof sealant for translucent skylights.

5 gal. pails	55 gal. drums
✓	✓

## 6000 Universal™ Thermoplastic Roof Coating



Universal solvent-based resurfacing sealant for asphalt, mod-bit, TPO, EPDM, Hypalon, metal, concrete and most other roof systems. Available in white, black and custom colors.

1 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓



## Solvent-Based Elastomeric Coatings & Cements

White roof coating systems, universal all-weather repair cements and seam sealers for metal, asphalt, modified bitumen and single-ply roofs. Extremely water and weather resistant.

Meets the requirements of the Chicago Energy Code.



## Made for Extreme Conditions

Solvent-based Elastomeric coatings provide superior moisture resistance and offer much lower water vapor transmission than water-based elastomeric coatings. Highly impermeable coatings prevent penetration by moisture and oxygen, ingredients necessary for rust development and growth. This characteristic is of great advantage in metal roof coatings. Solvent-based coatings will not freeze and provide the applicator with a longer working season and less risk of wash-off or humidity related curing issues. Certain products may even be applied to wet and underwater surfaces.

## 6500 Universal™ Flashing Cement



Universal all-weather terpolymer based flashing cement. Extremely strong and elastic. Use to repair asphalt, mod-bit, TPO, EPDM, Hypalon, metal, concrete and most other roof systems.

Adheres to wet and underwater surfaces. Available in white and black.

1 gal. pails	3 gal. pails
✓	✓



## Water-Based Elastomeric Coatings & Cements

White roof coating systems for metal, modified bitumen and single-ply roofs.

### 1000SP Elastomeric Base Coating



Base coating for single-ply and polyurethane foam roofs. Made from 100% acrylic polymers. Light gray color to aid application. ASTM D-6083

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



### 1000TPO Elastomeric Base Coating

Base coating for aged TPO roofs. Manufactured from special acrylic polymers designed specifically for improved adhesion to TPO roofs.

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



### 1000TC Elastomeric Roof Coating



100% acrylic top coating. Bright white, standard. Other colors available. Requires a base coat of #1000BC, #1000M, #1000MB, #1000SP or #1000TPO. ASTM D-6083

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



### 1010 SunBlock™ White Elastomeric Roof Coating



Energy saving cool roof coating. Highly reflective, blocks solar radiation extending the life of the underlying roof while lowering interior building temperatures. ASTM D-6083

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



### 1000BC Elastomeric Base Coating

100% acrylic base coating for multiple surfaces. Use in fully reinforced and asphalt emulsion systems. Also suitable for granular modified, metal, concrete, PVC, Hypalon. ASTM D-6083

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



### 1044 SunScreen™ White Elastomeric Roof Coating



An affordable reflective coating for most types of roofs. Highly reflective titanium pigments reflect sunlight and reduce interior building temperatures.

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



### 1000M Elastomeric Base Coating



Base coating for metal roofs. Made from 100% acrylic polymers. Use #1025 Alkyd Metal Primer for any rust present. Light gray color to aid application. ASTM D-6083

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



### 1500 Acrylic Mastic



A heavy-duty brushable mastic used to repair roofs and seal fasteners prior to coating with #1000 series acrylic coatings. Available in Standard or Fibrated. Fibrated available in Tan or White.

10 oz. tubes	1 gal. pails	3.5 gal. pails	5 gal. pails
✓	✓	✓	✓

### 1000MB Elastomeric Base Coating



Base coating for asphalt and modified bitumen roofs. Made from acrylic polymers. Light gray color to aid application.

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



### 1900 Water-Based Clear Sealant

A water-based 100% acrylic sealant for skylights and translucent window panels. Use where asphalt sealants have been used previously or a low odor product is desired.

5 gal. pails	55 gal. drums
✓	✓

## 628 Aluminum Coating Utility Grade — Non-Fibrated

Provides a reflective surface for roofs, metal buildings, and mobile homes. Formulated from specially refined asphalt, aliphatic solvents and ASTM D-962 leafing aluminum paste.

5 gal. pails	55 gal. drums
✓	✓



## 608 Aluminum Coating 2 Lb. — Non-Fibrated



A reflective surface for roofs, metal buildings, tanks and mobile homes. Formulated from refined asphalt, aromatic and aliphatic solvents, and 2 lbs. per gallon of ASTM D-962 aluminum paste.

1 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓



## 648 Aluminum Coating 3 Lb. — Non-Fibrated

Provides a reflective surface for roofs, metal buildings, and mobile homes. Formulated from specially refined asphalt, aliphatic solvents and 3 lbs. per gallon of ASTM D-962 leafing aluminum paste.

5 gal. pails	55 gal. drums
✓	✓



## 728 Aluminum Coating Utility Grade — Fibrated



Provides a reflective surface for roofs, metal buildings, and mobile homes. Formulated from specially refined asphalt, aliphatic solvents, reinforcing fibers and ASTM D-962 leafing aluminum paste.

5 gal. pails	55 gal. drums
✓	✓



## 758 Aluminum Coating 2 Lb. — Fibrated



Provides a reflective surface for roofs, metal buildings, and mobile homes. Formulated from refined asphalt, aromatic and aliphatic solvents, reinforcing fibers and ASTM D-962 aluminum paste.

1 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓



## 748 Aluminum Coating 3 Lb. — Fibrated

Provides a reflective surface for roofs, metal buildings, and mobile homes. Formulated from specially refined asphalt, aliphatic solvents, reinforcing fibers and 3 lbs. per gallon of ASTM D-962 leafing aluminum paste.

5 gal. pails	55 gal. drums
✓	✓



## Radiant Barrier

Radiant Barrier coatings are promoted by the United States Department of Energy as an economical way to limit heat transfer to the inside of buildings. Ideal for new or existing structures.

Lucas #3300 has the lowest independently tested infrared emissivity of any fluid applied radiant barrier coating.



## 621 Water-Based Aluminum Coating

Reflective aluminum roof coating in a water-based asphalt emulsion vehicle. This coating is fast curing, low odor and very low VOC. Manufactured from refined asphalt, stabilized aluminum pigment, colloid clay and water.

5 gal. pails
✓

## 637 Elastomeric Aluminum — SBS Modified

Modified asphalt with the reflective, UV blocking abilities of leafing aluminum pigments. Formulated from specially refined asphalt, SBS polymers, aromatic and aliphatic solvents and leafing aluminum paste.

5 gal. pails	55 gal. drums
✓	✓



## 3000 Thermoplastic Aluminum Roof Coating

An entirely different class of aluminum coating. Manufactured from a pure polymer base. Intended for metal, asphalt and modified bitumen roofs. Retains nearly all of its initial brightness throughout its service life. A true waterproof coating when applied in a two coat application.

5 gal. pails	55 gal. drums
✓	✓

## 3300 E-Factor Radiant Barrier Coating



An energy efficient coating intended for interior walls and the underside of roof sheathing in attics. Extremely low infrared emissivity value. Manufactured from low emitting metallic pigments, a clear resin binder and water.

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓

## 3500 Thermoplastic Aluminum Mastic

All purpose repair mastic for metal and aluminum coated roofs.

3 gal. pails
✓



## Wet or Dry — Guaranteed!

Lucas Elite™ is co-polymer modified and exhibits rubberlike elastomeric properties. It is able to accommodate movement that will cause a conventional roof cement to fail. Reinforced with polyolefin micro-fibers for superior tensile strength and a smooth uniform surface texture. Improved adhesion to all surfaces, including when wet or underwater, is guaranteed by hydrophobic surface active additives including Lucas SI-2, a unique low surface tension adhesion promoter.



- Unique Polyolefin Micro-Fibers For Ultimate Strength and Flexibility.
- 100% Wet and Underwater Adhesion.
- Rubberized

## 776 Elite™ Flashing Cement



All-weather rubberized flashing cement with strong, flexible polyolefin micro-fiber reinforcement. Highest quality available.

10 oz. tubes	3 gal. pails
✓	✓



## 777 Rubberized Flashing Cement

Wet or dry. High quality polymer modified flashing cement for repairing asphalt and modified bitumen roofs in all weather conditions.

3 gal. pails	5 gal. pails
✓	✓



## 764 Mod-Bit Cement — Wet or Dry

Designed as a cold process inter-ply adhesive for SBS modified bitumen single ply membranes. Easy to apply. Manufactured from refined modified asphalts, a special solvent blend, and reinforcing fibers.

5 gal. pails
✓



## 779 All-Weather Flashing Cement — Premium



Designed for repairing roofs and flashings that are wet or underwater. Manufactured from Type II Roofing Asphalt, reinforcing fibers, petroleum solvents and a special additive which displaces moisture on wet surfaces.

10 oz. tubes	1 gal. pails	3 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓	✓	✓



## 771 Flashing Cement — Premium



A Premium Grade, trowel-applied Flashing Cement. Manufactured from refined Type II Asphalt, petroleum solvents and reinforcing fibers. No slate flour, limestone dust or other extenders are used.

1 gal. pails	3 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓	✓



## 775 All-Weather Roof Cement

Designed for repairing roofs and roof flashings that are wet or underwater. Manufactured from Type I Roofing Asphalt, reinforcing fibers, petroleum solvents and a special additive which displaces moisture and allows application to wet surfaces.

5 gal. pails
✓



## 774 Flashing Cement — Utility Grade

A trowel-applied mastic used to install, repair or rebuild roof flashings at parapet walls, gravel stops, stacks, vents, monitors and similar applications. Manufactured from Type I Roofing Asphalt, petroleum solvents and reinforcing fibers.

1 gal. pails	3 gal. pails	5 gal. pails
✓	✓	✓



## 745 Plastic Roof Cement — Wet or Dry

An economical all-weather asphalt repair mastic for low-slope asphalt roofs.

5 gal. pails
✓



## 744 Plastic Cement

An economical asphalt-based, trowel-applied roof sealant.

3 gal. pails	5 gal. pails
✓	✓



## 037 Modified Thermoplastic Roof Coating

Intended for the resurfacing of asphalt, coal tar and modified bitumen roofs. Manufactured from a blend of aromatic and aliphatic solvents, thermoplastic rubber and a proprietary blend of bitumens.

5 gal. pails	55 gal. drums
✓	✓

## 302 Roof & Foundation Coating — Premium

Provides an economical means of recoating and preserving smooth-surface asphalt roofs. Formulated from refined, higher softening point asphalt and petroleum solvents.

5 gal. pails	55 gal. drums	Bulk
✓	✓	✓



## 304 Roof & Foundation Coating

Provides an economical means of recoating and preserving smooth-surface asphalt roofs. Formulated from refined, low softening point asphalt and petroleum solvents.

1 gal. pails	5 gal. pails	55 gal. drums	Bulk
✓	✓	✓	✓



## 714 Asphalt Liquid Roof Coating — Premium Fibrated

Provides an economical means of recoating and preserving smooth-surface asphalt roofs. Formulated from refined higher softening point asphalt, reinforcing fibers and petroleum solvents. Dries more quickly than standard grade products.

1 gal. pails	5 gal. pails	55 gal. drums	Bulk
✓	✓	✓	✓



## 724 Asphalt Liquid Roof Coating — Fibrated

Provides an economical means of recoating and preserving smooth-surface asphalt roofs. Formulated from refined asphalt, reinforcing fibers and petroleum solvents.

5 gal. pails	55 gal. drums	Bulk
✓	✓	✓



## 713 Asphalt Bitumen Resaturant

For resaturating near to dead level asphalt built up roofs. Restores flexibility and adds protection to aged asphalt built-up roofs. May be used with or without Tietex® polyester reinforcing fabric.

5 gal. pails	55 gal. drums	Bulk
✓	✓	✓



*Lucas #037 is a high-performance rubberized coating for repair of modified bitumen, asphalt, coal tar and gravel roofs.*

## 502 Asphalt Emulsion — Non-Fibrated

Water-based asphalt coating for sealing smooth surfaced asphalt roofs and concrete foundation walls. May be reinforced with Tietex® polyester for roof resurfacing. ASTM D-1227 Type III, ASTM D-1187 Type I, Class 1

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓



## 721 Asphalt Emulsion — Fibrated

A water based asphalt protective coating for built-up asphalt roofing. Manufactured from refined asphalts, reinforcing fibers and colloidal clays.

5 gal. pails	55 gal. drums
✓	✓



## 010 Coal Tar Resaturant

Manufactured from 100% refined coal tar pitch, aromatic solvents, reinforcing fibers, and mineral fillers to adjust viscosity and working properties. No asphaltic or aliphatic materials are added to this product.

5 gal. pails	55 gal. drums
✓	✓

## 071 Coal Tar Roof Cement


Coal Tar Pitch based mastic roof cement for use in the installation and repair of Coal Tar roof systems. Manufactured from 100% refined coal tar pitch, aromatic solvents, reinforcing fibers, and mineral fillers to adjust viscosity and working properties.

5 gal. pails
✓

## 310 Kwik-Dry Primer

An extremely fast drying asphalt primer manufactured from high softening point asphalts, penetrating additives and high flash aromatic petroleum solvents. Allows roofing crews to resume work sooner after application and has a non-tacky surface.

Aerosol Spray	5 gal. pails	55 gal. drums
✓	✓	✓



## 315 Asphalt Primer — Premium

Intended for use on concrete, masonry, wood decks and parapet walls prior to application of asphalt built up or modified bitumen roofing systems. Manufactured from refined asphalt and petroleum solvent.

1 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓



## 316 Asphalt Primer

Intended for use on concrete, masonry, wood decks and parapet walls prior to application of asphalt built-up or modified bitumen roofing systems. Manufactured from asphalt and petroleum solvent.

5 gal. pails
✓



## 515 Asphalt Emulsion Primer

Low odor zero VOC water-based asphalt primer. Use to prime concrete, masonry and wood prior to application of bituminous roofing and waterproofing membranes.

5 gal. pails	55 gal. drums
✓	✓

## 734 Mod-Bit Adhesive

Designed as a cold process inter-ply adhesive for SBS modified bitumen single-ply membranes. Manufactured from refined modified asphalts, a special solvent blend, and reinforcing fibers.

5 gal. pails	55 gal. drums
✓	✓



## 754 Asphalt Lap Cement

Asphalt-based adhesive intended for laying SBS modified bitumen, SIS roofing, 90 lb. cap sheet and adhering wood fiber, polyisocyanurate and perlite insulation. Manufactured from refined roofing asphalt, fibers and a blend of aromatic and aliphatic petroleum solvents.

5 gal. pails	55 gal. drums	Bulk
✓	✓	✓



## 1015 Acrylic Resin

Used to adhere and saturate polyester fabrics to reinforce elastomeric roof restoration systems.

5 gal. pails	55 gal. drums	275 gal. totes
✓	✓	✓

## 1025 Alkyd Metal Primer

A quick drying, rust inhibiting, alkyd primer for treating rusted metal. Manufactured from a short-oil alkyd base, quick drying solvents and rust inhibiting pigments.

5 gal. pails	55 gal. drums
✓	✓

## 4015 2-Part Epoxy Primer

Water-based primer for preparing asphalt surfaces for application of Lucas #8000 Silicone Coating and #4500 Semi-Selfleveling Sealer. Improves adhesion and prevents asphalt bleed through. Use with #8000 in ponding water areas for increased adhesion.

4 gal. kit
✓

## 6025 Universal Rust Inhibitor

Intended for priming rusty roofs and roof decks prior to installation of new roofing systems. Based on tough Styrene Ethylene/Butylene Styrene polymers, adhesive hydrocarbon resin, and corrosion inhibiting zinc pigments.

5 gal. pails	55 gal. drums
✓	✓

## 8015 TPO Primer

Solvent based primer for preparing TPO roof membranes for application of Lucas #8000 Silicone Coating and #4500, #9600 and #9900 Urethane Sealants. Blue color for coating application to gauge coverage. Clear for sealant applications.

Sizes Avail	Quarts	Sizes Avail	1 gal. pails	5 gal. pails
CLEAR	✓	BLUE	✓	✓

## 8800 Universal Single Ply Adhesive



Water-based adhesive for use with TPO, EPDM and PVC roofing. Zero VOC. Compliant in all of North America.

1 gal. pails	5 gal. pails
✓	✓



## 115 Detergent Roof Primer

A concentrated blend of alkaline cleaners, surfactants and biocides intended for the cleaning and preparation of roofs prior to application of Lucas roof coatings.

1 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓

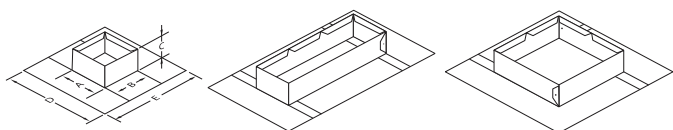
## 125 Safe-Solve™ Asphalt and Sealant Remover

A bio-based asphalt and sealant remover. Based on non-toxic, biodegradable, non-flammable plant derived esters. Safe for use on vinyl siding, hands and clothing. Easy removal of asphalt marks on vinyl siding and factory finished aluminum trim.

32 oz. spray	5 gal. pails	55 gal. drums
✓	✓	✓

## 404 4"x4" Pitch Pan • 406 6"x6" Pitch Pan

For sealing around penetrations in all flat roofs. Metal pitch pockets can be combined to produce pans of various sizes and shapes. 24 gauge G-90 galvanized steel. Products can be configured into a variety of sizes. Overall dimensions are as shown:



## 550 EZ Seal

Instant temporary roof seal. Contains waterproof gel-forming bentonite. Ideal for temporary repairs in winter or poor weather conditions.

3.5 gal. pails	5 gal. pails
✓	✓

## 5015 Seaming Tape Adhesion Promoter

A fast drying cold-weather adhesion promoter for butyl and other seaming tapes. Removes or encapsulates any contamination that might interfere with the tape's adhesion.

Aerosol Spray	1 qt. cans	1 gal. pails	5 gal. pails	55 gal. drums
✓	✓	✓	✓	✓

## 5025 Splice & Seam Cleaner/Primer



Low VOC. Compliant in all of North America. Use to clean both new and weathered membranes prior to bonding seams or application of repair patches. Also use to clean surfaces prior to sealant application.

Aerosol Spray	1 gal. pails	5 gal. pails
✓	✓	✓

Nominal Size	You Need	#4500 Sealant*	A	B	C	D	E
4 x 4	One 4x4	One Tube	4"	4"	2½"	10"	10"
4 x 12	Two 4x4's	Three Tubes	4"	12"	2½"	10"	18"
8 x 8	Two 4x4's	Four Tubes	8"	8"	2½"	14"	14"
6 x 6	One 6x6	Two Tubes	6"	6"	2½"	12"	12"
6 x 18	Two 6x6's	Six Tubes	6"	18"	2½"	12"	24"
12 x 12	Two 6x6's	Eight Tubes	12"	12"	2½"	18"	18"

\* Assumes minimally sized penetrations. Deduct one tube for each 48.5 cubic inches of displacement.

## Tietex® Polyester Fabrics (324 ft. rolls)

Product #	Description	Width
T-272	Firm	40"
T325-4	Soft	4"
T325-6	Soft	6"
T325-12	Soft	12"
T325-20	Soft	20"
T-325	Soft	40"

## Cotton Asphalt Fabrics (150 ft. rolls)

Product #	Width
804	4"
806	6"
809	9"
812	12"
836	36"

## Jute Asphalt Fabrics (150 ft. rolls)

Product #	Width
904	4"
906	6"
909	9"
912	12"
936	36"

## Coverage & Spray Chart

\* Coverage is per coat and will vary. Consult Data Sheet and/or Guide Specification for exact requirements.

\*\* Temperature of certain products and the ambient temperature will greatly influence sprayability. Size of hoses, length of hoses and elevation of work surface vs. spray rig will affect sprayability.

\*\*\* Desired fan width may vary depending upon application.

Product #	Description	Coats	Coverage*	PSI**	Gal/Min	Tip size	Fan***
8000	100% SILICONE ROOF COATING	2	2-3	3000	1-2	.027-.040	6
6000	UNIVERSAL THERMOPLASTIC ROOF COATING	2-3	1.25-2	3000	1-2	.027-.040	6
6025	UNIVERSAL RUST INHIBITOR	1	1.25	3000	1.1.5	.027-.035	6
5000	THERMOPLASTIC ROOF COATING	2	1.25-1.5	3000	1.2	.027-.040	6
1000	ELASTOMERIC ROOF COATING (BC, M, MB, SP, TC, TPO)	2	1.25-1.5	1500	1-1.5	.027-.035	6
1010	SUNBLOCK ELASTOMERIC ROOF COATING	2	1.5	1500	1-1.5	.027-.035	6
1044	SUNSCREEN ELASTOMERIC ROOF COATING	2	1.5	2000	1-1.5	.027-.035	6
1025	ALKYD METAL PRIMER	1	1.25	2000	1-1.5	.027-.035	6
1015	ACRYLIC RESIN	1	2.5	1000	1	.027-.033	6
1900	WATER-BASED CLEAR SEALANT	1	1-1.5	1000	1	.027-.033	6
628	ALUMINUM COATING - UTILITY GRADE NON-FIBERED	1	.75-1	1000	.75-1	.027-.033	8
608	ALUMINUM COATING 2 LB. NON-FIBRATED	1	.75-1	1000	.75-1	.027-.033	8
648	ALUMINUM COATING 3 LB. NON-FIBRATED	1	.75-1	1000	.75-1	.027-.033	8
728	ALUMINUM COATING - UTILITY GRADE FIBERED	1	1-1.5	1500	3-4	.051-.067	8
758	ALUMINUM COATING 2 LB. FIBRATED	1	1-1.5	1500	3-4	.051-.067	8
748	ALUMINUM COATING 3 LB. FIBRATED	1	1-1.5	1500	3-4	.051-.067	8
621	WATER-BASED ALUMINUM COATING	1	1.5	1000	2	.031-.037	8
637	ELASTOMERIC ALUMINUM	1	1.5-2	2500	1-2	.031-.040	8
3000	THERMOPLASTIC ALUMINUM COATING	2-3	1.25-1.5	3000	1-1.5	.031-.037	6
3300	E-FACTOR RADIANT BARRIER COATING	1	0.2	500	0.5	.021-.025	6
302	ASPHALT LIQUID ROOF COATING - NON-FIBRATED	1	1	1500	1.5-2	.019-.025	8
304	LIQUID ASPHALT COATING - NON-FIBRATED	1	1	2000	1.5-2	.019-.025	8
714	ASPHALT LIQUID ROOF COATING - FIBRATED	1	3	2500	3-5	.055-.067	8
724	ASPHALT LIQUID ROOF COATING - FIBRATED	1	3	2500	3-5	.055-.067	8
713	ASPHALT BITUMEN RESATURANT	1	8-12	2500	3-5	.055-.067	10
754	ASPHALT LAP CEMENT	1	2-4	2500	3-5	.055-.067	8
734	MOD-BIT ADHESIVE	1	1-2	2500	2-2.5	.043-.049	8
037	MODIFIED THERMOPLASTIC ROOF COATING	1	6-12	3000	2-5	.055-.067	10
502	ASPHALT EMULSION — NON-FIBRATED, SPRAY GRADE	1	2-6	2500	3-5	.055-.067	10
721	ASPHALT EMULSION — FIBRATED	1	2-6	2500	3-5	.055-.067	10
315	ASPHALT PRIMER	1	.5-.75	250	1.5	.019-.025	8
316	ASPHALT PRIMER	1	.5-.75	250	1.5	.019-.025	8
115	DETERGENT ROOF PRIMER	1	0.2 (undiluted)	50	1.5	.019-.025	8

## Container & Pallet Sizes

Container Size	Containers per Box	Units per Pallet	Pallet Size
10 oz. Tube	12	1440	48"x36"
28-30 oz. Tube	12	540	48"x36"
14-16 oz. Aerosol	12	864	48"x36"
Quart Can	12	432	48"x36"
Gallon Can	4	120	48"x36"
2 Gallon Pail	NA	72	48"x36"
3 Gallon Pail	NA	60	48"x36"
3.5 Gallon Pail	NA	48	48"x36"
5 Gallon Pail	NA	36	48"x36"
55 Gallon Drum	NA	4	48"x48"
275 Gallon Tote	NA	1	48"x40"

## Surface Temperature At Which Condensation Occurs

Relative Humidity	AMBIENT AIR TEMPERATURE (FAHRENHEIT)										
	20°	30°	40°	50°	60°	70°	80°	90°	100°	110°	120°
90%	18	28	37	47	57	67	77	87	97	107	117
85%	17	26	36	45	55	65	75	84	95	104	113
80%	16	25	34	44	54	63	73	82	93	102	110
75%	15	24	33	42	52	62	71	80	91	100	108
70%	13	22	31	40	50	60	68	78	88	96	105
65%	12	20	29	38	47	57	66	76	85	93	103
60%	11	19	27	36	45	55	64	73	83	92	101
55%	9	17	25	34	43	53	61	70	80	89	98
50%	6	15	23	31	40	50	59	67	77	86	94
45%	4	13	21	29	37	47	56	64	73	72	91
40%	1	11	18	26	35	43	52	61	69	78	87
35%	-2	8	16	23	31	40	48	57	65	74	83
30%	-6	4	13	20	28	36	44	52	61	69	77

### DEW POINT

Temperature at which moisture will condense on surface. No coatings should be applied unless ambient and surface temperature is a minimum of 5° above this point. Temperature must be maintained during dry through.

*EXAMPLE: If air temperature is 60°F and relative humidity is 50% the dew point is 40°F.*

### ADDITIONAL TEMPERATURE RESTRICTIONS

No coating should be applied unless surface temperature is 40°F minimum and 125°F maximum. Certain Lucas Coatings may have different requirements for high and low temperature application.



# LUCAS

Coatings & Mastics for the Roofing Trade



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