



**H-I-S PAINT
COMPANY**

ELASTOKOTE

100% ACRYLIC ELASTOMERIC ROOF COATING
1019 SERIES - FLAT

Product Description

1019 ElastoKote Roof Coating is a high-solids, 100% elastomeric acrylic coating designed to prolong the life of existing roof structures and protect against water penetration. Besides creating a vapor barrier, this heavy bodied elastomeric system provides excellent flexibility, durability, and long term protection against water pooling and temperature extremes. 1019 Elastomeric Roof Coating's brilliant white finish reflects the heat created from the sun and reduces both building structure temperature and interior cooling expenses. 1019 ElastoKote Roof Coating contains waterborne emulsions of inert pigments in an acrylic binder. Contents are non-flammable and emit no hazardous vapors.

Recommended Uses

New and existing roof systems, including concrete, galvanized, and baked finish metal, conventional bituminous built-up roofs, urethane and polyurethane foam, asphalt roof shingles, wood, and clay tile.

Product Benefits

- Excellent Dirt Pick Up Resistance
- Excellent Resistance to Water Permeation
- Reduces Both Building Structure Temperature & Interior Cooling Expenses
- Excellent Resistance to UV Exposure
- Excellent Resistance to Low Temperature Cracking
- Long term Protection Against Weathering and Wind Driven Rain
- Bridges Hairline Cracks
- Excellent Elongation and Flexibility for Building Movement
- Excellent Adhesion to Various Roofing Substrates
- Environmentally Safe - Non Flammable
- Easy to Apply - Soap & Water Cleanup - Low Odor

Colors

1019 White Roof Coating Available .

Surface Preparation

Surface must be clean, dry and free of dust, dirt, grease, oil, mold, mildew, flaking paint, chalk, soap residue, wax, corrosion, laitance, and all other contaminants or foreign matter that might impede adhesion. Scuff sand slick, hard, glossy surfaces to promote adhesion. Clean the roof of all loose particles and remove any deteriorated areas. Nail down loose shingles and secure all flashing. Where gravel has been used, remove any loose stones and sweep away any dust. Vacuum the debris after sweeping for best results. **New Concrete & Masonry, Surfaces** should be unglazed, clean, fully cured (to the supplier's recommendation – usually 30 days), and free of all form release agents and curing agents, silicones, and oils. **Metal Surfaces** should be pressure washed, then remove rust with wire brush and spot prime with HIS 1900 Ext Acrylic Primer. **Wood Surfaces** should be primed on both sides with HIS 1900 Ext Acrylic Primer and all edges sealed with caulk. **Foam Roofs** The contractor is responsible for producing a foam finish that is not any rougher than an orange peel finish, free of voids and crevices. The coating manufacturer cannot accept responsibility for the performance of his coatings where the foam finish does not meet specifications. The coatings manufacturer may request a small portion of the completed finish for approval of quality. The quality of the remainder of the work should be equal to that of the approved portion. When coating begins, there should be no voids, pinholes, or cracks. (A crack is defined as a break in the substrate larger than 8 mils(203microns) in width when measured at 70°F(21°C), or a break that has created a difference in the height of the substrate on either side of the break. Not recommended for Bare Foam. **Built Up Roofs** Apply 1015 Clear Roof Primer with 18" roller. This will emulsify any loose particles missed during clean up into the primer coating for superior adhesion. Wait 24 hours to apply 1019 finish. **WARNING!** Removing existing coating from surface by sanding, scraping or other mechanical means may create dust or particles containing lead, a hazardous substance. Avoid creating and breathing dust and other debris. Thoroughly clean all surfaces before and after painting. **BREATHING OR EATING LEAD-CONTAINING DUST OR DEBRIS CAN CAUSE HEALTH PROBLEMS, ESPECIALLY IN CHILDREN AND PREGNANT WOMEN.** Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted (NIOSH approved) respirator and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in USA), contact your local authority, or log on to www.epa.gov/lead.

Application

COVERAGE One gallon will cover approximately 100 square feet (9.38 sq meters) per coat. Coverage figure does not include spray loss, loss due to surface porosity, surface texture, surface irregularities, nor material loss when mixing.

MIXING Material does not require thinning.

APPLICATION Stir each container thoroughly before using and occasionally while applying. 1020 can be applied by brush, roller, squeegee, or spray. When using an airless sprayer, recommended tip sizes are .021" with 10" pattern or .025" with a 12" pattern at a pressure of 2000 psi. **Wait at least 24 hours between coats. Allow 72 Hours dry between primer (1015 Clear Roof Primer) and 1st coat of 1019 White Roof Coating from maximum protection.**



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CLEANUP Clean spills and spatters promptly. Clean hands, tools, and spray equipment immediately after use with soap and warm water. Give spray equipment a final flush with mineral spirits to help prevent corrosion. Follow manufacturer's safety recommendations when using mineral spirits. Dispose of used paint and waste in accordance with local, state, and federal regulations.

PRECAUTIONS / LIMITATIONS

Not for use on wood, metal or other surfaces that are constantly damp or wet. Not for use on roofs, decks, or other surfaces where water will accumulate and pond. Not for use on floors or steps

Apply when surface, air and product temperatures are above 50°F (10°C) and at least 5°F (3°C) above the dew point.

Do not apply in Direct Sunlight or on hot surfaces.

Do not apply when relative humidity is above 85%.

Do not apply when air or surface temperatures may drop below 50°F (10°C) within 48 hours after application.

On large expanses of metal siding, the air, surface and material temperatures must be 50°F (10°C) or higher.

Do not apply this product over wet or damp surfaces or when rain or snow is imminent.

Non-photochemically reactive

PROTECT FROM FREEZING

MILDEW RESISTANT This coating contains agents that inhibit the growth of mildew on the surface of this coating.

ENVIRONMENTAL & SAFETY STATEMENT: This product is not formulated with any lead, chrome or mercury containing ingredients. The maximum VOC does not exceed 250g/L. Do not take internally. Keep out of the reach of children. Use with adequate ventilation. For specific safety requirements, refer to Safety Data Sheet (SDS).

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance, but is subject to change without prior notice. We make no guarantee of any kind, expressed or implied, including merchantability and fitness for particular purposes. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor, or cost of labor, and other consequential damages are hereby excluded.

TECHNICAL DATA: Based on 1019

COLOR:	White
VEHICLE TYPE:	100% Acrylic Elastomeric
WEIGHT GALLON:	11.29 ± 0.2 lb. /gal. (1441 g/l)
WEIGHT SOLIDS:	65.2 ± 2.0%
VOLUME SOLIDS:	51.5 ± 2.0%
GLOSS @ 60:	5 max
VISCOSITY:	100-110 KU @ 77°F (25°C)
FLASH POINT:	above 200°F (93°C)
COVERAGE:	
TOTAL RECOMMENDED DRY FILM	16 mils (400 microns)
2 Coats @ 8 WFT each	
WET FILM TO ACHIEVE DFT	32 mils (800 microns)
2 Coats @ 16 WFT each	
RECOMMENDED SPREAD RATE	Deposits @ 8.4 mil dry (210 microns)
100 SQ. FT/GAL (0.5m ² /l) per coat	
VOC: (EPA Method 24 / Material)	EPA: 67 g/l / Material: 38 g/l
GRIND:	#4 (50 microns)
HMIS/NFPA:	1,0,0
FEDERAL SPECIFICATIONS:	TT-C-555
THINNING & CLEANUP:	Water
DRY TIME @ 77°F+ (25°C) & 50% RH	
TO TOUCH:	1 Hour
BETWEEN PRIMER & TOP COAT	72 Hours
TO RECOAT	24 Hours
ELONGATION @ 20 mils (500 microns)	555% @ 75°F (24°C)
WATER RESISTANCE	
PERMEANCE	18
% SWELLING PEAK/EQUILIBRIUM	16/13
BLISTER RESISTANCE ON MOD BIT	Excellent 7 Days

Revised: 7-30-17

NOT RECOMMENDED ON ROOFS THAT COLLECT PONDING WATER.

The National Roofing Contractors considers ponding water on any type of roof unacceptable.