



# WHITE LAVA

**QUICK SET ADDITIVE!**



White Lava is Hawaii's longest standing, tried and true, fluid-applied roof coating system. Its formulation is specific to Hawaii's harsh UV rays, and has been in use on Hawaiian roof assemblies for over 20+ years. It's a water based, 100% pure ASTM D-6083 Acrylic Resin single-component coating system that has been installed over thousands of roofs throughout the state of Hawaii. When applied according to recommended standards, White Lava provides a permanently renewable water-proof membrane that is highly reflective against ultra violet light and heat, cooling exterior roof surfaces as much as 90°F and lowering interior structure temperatures as much as 15°F (when compared to a thermal emittance R-Value of 30).

White Lava completely waterproofs and protects new and existing roof substrates including built up roofing, metal, modified bitumen cap sheet, fibered protection board roofing surfaces, and more. It can be applied as "coating only" or as a full fabric reinforced system, providing years of trouble free, cool, and reflective service.

## APPLICATION INSTRUCTIONS

### METAL ROOF SUBSTRATES:

Wash surfaces prior to coating. Cover the over-lap seams with Lava Tape, or Lava Mesh, and cover screw anchors with Lava Anchor Caps. Use rust-inhibitive primer to treat visible corrosion. Apply 2 coats of White Lava Roof Coating at 75 sq. ft. per gallon.

### BUILT-UP ROOF SUBSTRATES:

Wash surfaces prior to coating. Install Lava Mesh as necessary over split seams, cracks, etc. Apply 1st coat White Lava Roof Coating at 50 sq. ft. per gallon. Apply 2nd coat White Lava Roof Coating at 75 sq. ft. per gallon.

### TAR & GRAVEL ROOFS:

Remove all loose gravel, dirt, and dust from roof. Specialized surface preparation will be required to ensure successful waterproofing of this surface. Please contact your dealer for recommendations.

### APPLICATION:

Thoroughly mix container prior to use. Apply by brush, roller, and/or airless spray equipment. Equipment clean up can be done with soapy water.

### PRECAUTIONS:

Avoid prolonged contact with skin or breathing of spray mist. Do not take internally. Close container tightly after use. White Lava Roof Coating requires complete evaporation of water to cure. Cool temperatures and high humidity may slow drying times.

## PRODUCT SPECS

- 100% Acrylic Formula
- Permanently Flexible Elastomeric
- 85% Heat Reflectivity
- Single-Component
- Water-Based
- Applied by Roller or Spray
- Tintable to Light-Medium Colors
- Meets UL790 & ICBO
- Meets Federal Spec RRR-S-8838

## PRODUCT PROPERTIES

- **Tensile Strength:** 350 psi (ASTM D412)
- **Elongation:** 200% (ASTM D412)
- **Hardness:** 55-65 Shore A (ASTM D2240)
- **Moisture Vapor:** 19 perms @ 20 mil permeance (ASTM E96)
- **UV Resistance:** 5000 hrs (ASTM D822)
- **Light Reflectivity:** 86%
- **Solids By Weight:** 66% (ASTM D2369)
- **Solids By Volume:** 52% (ASTM D5201)

## COLORS AVAILABLE

White Lava has the best reflectivity in our stock white color. A wide range of colors can be tinted into the coating or we can match the color of your choice.

Light to medium tones can be tinted into White Lava. If darker colors are needed, Tropical Reflect-Coat should be used.



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