



LAVA DECK BASE COAT



Lava Deck Base Coat is a 100% acrylic elastomeric rubber membrane, specifically designed for use under the Lava Deck Top Coat as part of the Lava Deck Waterproofing System.

Lava Deck Base Coat is typically applied in two coats (20 mils DFT) under Lava Deck Top Coat to provide a permanently flexible membrane. Since it's designed as a waterproofing solution for elevated surfaces (with proper drainage), Lava Deck Base Coat must be top coated to prevent punctures and premature wear.

Lava Deck Base Coat is part of a safe (all water based), easy to apply, quick-drying, odorless, and economical waterproofing system for application to properly prepared/primed wood, concrete, and other dimensionally stable horizontal substrates. Lava Deck minimizes downtime and inconvenience to occupied spaces.



PRODUCT SPECS

- Elastomeric Deck Waterproofing
- 100% Acrylic Resins
- Easy Soap/Water Clean Up
- Permanently Flexible
- Dries Quickly
- UV Stable

PRODUCT PROPERTIES

- **Weight Solids:** 60% (ASTM D2369)
- **Volume Solids:** 54% (ASTM D5201)
- **Weight per Gallon:** 11.8 lbs (ASTM D1475)
- **Dry Time for Water Resistance:** 2.5 hrs at 70° F
- **Tensile Strength:** 250 psi (ASTM D412)
- **Elongation:** 300% at 75°F (ASTM D412)
- **Permeance:** 3.0 US perms (ASTM E96)
- **UV:** 5000 hrs (ASTM D822, G23)
- **Weather:** 5000 hrs (ASTM D822, G23)
- **Hi-Temp Stability:** 250°
- **Hardness:** 55-65 Shore A (ASTM D2240)
- **Bond Strength:** Exceeds Cohesive



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INSTALLATION GUIDE FOR PLYWOOD DECKS

Step 1

Prepare your deck surface by filling joints with a waterproof sealant, such as Sikaflex 1A. Fill all voids (knot holes, nail holes, etc.) to level the surface. Sand down any uneven joints or corners of the plywood. If you have a lot of imperfections to fill, try our Roof Goop Repair Mastic—works great for filling and leveling.

Step 2

Apply one thin coat Lava Deck Primer at the rate of 300 square feet per gallon to entire deck surface. Do not apply excessive amounts of primer. Roll or brush out any puddles or drips while they are wet. Allow the primer to dry 1 to 2 hours. The surface, when dry, will still be a bit tacky. A 1/4" nap roller is best.

Step 3

Brush or roll a heavy coat of Lava Deck Basecoat over joints and perimeter flashing. While the basecoat is wet, imbed the Lava Deck Mesh 4" x 180" roll into the wet coat and cover with more basecoat to lock in the fabric. You should only work a few feet at a time on this step, as the basecoat dries quickly.

Step 4

When your joint/fabric application is dry, roll out your first coat of Lava Deck Basecoat over the entire deck at the rate of 100 sq. ft per gallon. Allow to dry 1 to 2 hrs and follow with your 2nd coat of basecoat at the rate of 100 sq. ft. per gallon. Your surface is now "water-proof". A 3/4" to 1" nap roller cover is best for this application. Your topcoat can be applied within 2 hrs.

Step 5

Apply your 1st coat of Lava Deck Topcoat at the rate of 200 square feet per gallon. This will dry in about 1 hour. Your 2nd coat of topcoat can be applied. Use a 1/2" nap roller on this application. Your selected color and non-skid texture are ready mixed for your convenience.

Step 6

If you wish to achieve a semi-gloss finish, you may apply an optional coat of Acry sheen clear Sealer at the rate of 200 square feet per gallon. Use a 3/8" nap roller cover - a thin coat is best, otherwise it may get slippery when wet.



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