

## PRODUCT COMPLIANCE CERTIFICATE

### Water-Based Polyurethane

**Certificate Number: CERT-84288**

**Issue Date: 2025-07-02**

**Valid Until: 2027-07-19**

## PRODUCT INFORMATION

**Product Name:** Water-Based Polyurethane  
**Model/SKU:** PFPU000038  
**Manufacturer:** Zava Hardware & Garden Supply  
**Manufacturing Date:** 2025-07-18  
**Batch/Lot Number:** LOT-275512

## COMPLIANCE STANDARDS

### Safety Standards

- OSHA Hazard Communication Standard ✓
- CPSC Lead Paint Regulations ✓
- Zava Standard ZS-C001: Enhanced Child Safety Formulation ✓
- Zava Standard ZS-C002: Hypoallergenic Certification ✓

### Performance Standards

- ASTM D3359: Adhesion Testing ✓
- ASTM D4587: UV Resistance ✓
- Zava Performance ZP-C100: Self-Healing Technology ✓
- Zava Performance ZP-C200: Climate Adaptive Properties ✓

### Environmental Standards

- Green Seal GS-11 Certified ✓
- GREENGUARD Gold Certification ✓
- Zava EcoShield: Marine Biodegradable ✓
- Carbon Sequestration Properties Verified ✓

# TEST RESULTS

VOC Content: <10 g/L ✓

Adhesion: 5B rating ✓

UV Resistance: No fading after 3000 hours ✓

Zava Self-Healing: 99% of micro-scratches resolve within 24 hours ✓

Carbon Sequestration: 2.3 kg CO<sub>2</sub>/gallon over lifetime ✓

Color Stability: 15+ years in desert conditions ✓

# CERTIFYING AUTHORITY

**Laboratory:** Zava Advanced Materials Laboratory

**Certificate Issued By:** Prof. Douglas Pineheart, Environmental Engineering Lead

**Signature:** [Digital Signature]

**License Number:** ZAV-LAB-3758

# VALIDITY

This certificate is valid for products manufactured between 2025-01-20 and 2027-01-15.

Subject to periodic surveillance audits.

*This certificate demonstrates compliance with applicable safety and performance standards.*