

Infinity Bond EP H3500 Non-Sag is an all-purpose, modified epoxy that provides excellent tensile, peel and shear strength. It will hold vertical beads up to 1/2", exhibits superior adhesion and flexibility to a wide variety of substrates including: ceramics, concrete, wood, composites, FRP and most metals-without the use of a primer. EP H3500 has a user-friendly and forgiving 1:1 by volume mix ratio. Light stable and highly UV resistant. EP H3500 outperforms most "brittle" 2-component systems by retaining high peel strength and flexibility through a wide temperature range.

## **TECHNICAL DATA**

---

SPECIFIC GRAVITY (BLEND) 1.315  
WORK TIME 15 minutes  
OPEN TIME 25 minutes  
ULTIMATE PEEL STRENGTH 45 pli  
HARDNESS (SHORE A) 84  
TENSILE STRENGTH 825 psi  
LAP SHEAR 750 psi  
ELONGATION 70%  
BLENDED COLOR Gray  
SERVICE TEMPERATURE -75°F to 350°F

## **NOTES**

---

### **COLORS**

Part A: White, Part B: Black. Blend: Gray

### **SPECIFIC GRAVITY**

Part A: 1.19. Part B: 1.44. Blend: 1.315.

### **VISCOSITY**

Part A: 350,000. Part B: 160,000. Blend: 300,000.

### **PACKAGING**

55 gallon drums, 5 gallon pails, gallon cans, 400 ml dual cartridges.

### **SURFACE PREPARATION**

Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion. Remove all old sealant before applying product. Some substrate materials may not be compatible with this product. Testing substrate compatibility with this product before full application is recommended.

**PAINTING**

Cured product may be painted with most industrial & consumer paints. Testing prior to painting is recommended.

**STORAGE LIFE**

6 Months. For maximum shelf life, store unopened product between 65°F – 80°F. Part B is cold storage sensitive. Do not store below 65°F for more than 1 week.

**PRECAUTIONS**

Some applications may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended. Use with adequate ventilation. Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See MSDS for additional information. **KEEP OUT OF REACH FROM CHILDREN.**

**TECHNICAL SERVICE**

Infinity Bond technical representatives are always available to provide assistance. Please contact our Technical Service Department with your questions or requests for specific applications.

**LIMITED WARRANTY**

Any goods proved defective will be replaced or the purchase price refunded. The limited warranty described herein is in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular use. The user shall determine suitability of the product for its intended use. Liability for any incidental or consequential damage or loss is excluded. The user assumes all risks of the product's use, handling or storage.