



**System Three Resins, Inc.**  
 3500 W. VALLEY HWY. N. SUITE 105  
 AUBURN, WASHINGTON 98001  
 TECHNICAL SUPPORT: 253-333-8118

**TECHNICAL DATA SHEET**  
**CLEAR COAT™**  
**Penetrating Epoxy**  
**Resin System**

**DESCRIPTION:**

Clear Coat is a 2-component, low viscosity, 100% solids epoxy system used to coat and protect wood. It can be easily applied with a brush or a roller, in thin coats like a paint or varnish. When coated on all sides, wood is waterproof. Clear Coat cures overnight to a blush-free. Used in combination with System Three® WR-LPU™ or Spar Varnish, Clear Coat offers maximum weatherability for outdoor wood projects. Clear Coat resin can be cured

**RESIN PROPERTIES:**

Viscosity @ 77° F ..... 580-600 cps  
 Density ..... 9.4 lb/gal  
 Color ..... Clear

**HARDENER PROPERTIES:**

Viscosity @ 25° C ..... 190-210 cps  
 Density ..... 8.1 lb/gal  
 Color ..... Clear

**MIXED SYSTEM PROPERTIES:**

Mix ratio by weight resin/hardener ..... 100/43  
 Mix ratio by volume resin/hardener ..... 100/50  
 Working time @ 25° C ..... 60 minutes  
 Working time @ 25° C (with 2% TurboCure) ..... 30 minutes  
 Minimum application temperature (without TurboCure) ..... 50° F  
 Minimum application temperature (with 2% TurboCure) ..... 45° F

**TYPICAL CURED PROPERTIES:**

Full cure @ 25° C ..... 72 hours  
 Hardness ,Shore D ..... 82  
 Tensile Strength, psi ..... 7800  
 Tensile Elongation at break ..... 8%  
 Flexural Strength, psi ..... 12,000  
 Flexural Modulus, psi ..... 375,000  
 Heat Deflection Temperature (°F) ..... 127  
 Compressive Strength, psi  
 at Yield ..... 13,000  
 at Failure ..... 26,000

Kit sizes available(kits): 1½-pint / 1½-quart / 3-quart / 1½-gallon / 15 gallon

For health and safety information concerning this product, please refer to the MSDS sheets for Clear Coat Resin and Hardener.

The information contained herein is based on the data available to us and is believed to be correct. However, System Three Resins, Inc. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. System Three assumes no responsibility for injury from the use of the product described herein.