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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 faster and down to 50°F when System Three TurboCure Accelerator is added.

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.

Helping you put it all together