

SYSTEMTHREE

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TECHNICAL SUPPORT: 253-333-8118

TECHNICAL DATA SHEET

CLEAR COAT PENETRATING RESIN SYSTEM

DESCRIPTION:

Clear Coat is a 2-component, low viscosity solvent free epoxy system used to coat and protect wood.

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 use temperature (without TurboCure) 60° F
Minimum use temperature (with 2% TurboCure) 50° F

TYPICAL CURED PROPERTIES:

Full cure @ 25° C 7 days
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

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.