



Wood Rot Repair Epoxy

Technical Data Sheet

Specialty Epoxies Wood Rot Repair Epoxy

General Description

WEST SYSTEM® Wood Rot Repair Epoxy is a solvent-free, two-part epoxy formulated for reconsolidating rotten or damaged wood. Its low viscosity and slow cure speed at room temperature allow for deep penetration and thorough absorption in deteriorated wood.

Wood Rot Repair Epoxy is flexible enough to allow for the natural movement of wood without cracking. The epoxy has a yellow/amber color and has very low odor. Wood Rot Repair Epoxy has an extended working temperature range, allowing it to cure even at lower temperatures. It will also cure on damp wood; however, this may result in weaker bonds because the epoxy can not displace the water from the pores of the wood.

Wood Rot Repair Epoxy can be thickened with WEST SYSTEM Fillers to bridge gaps and fill voids. Once cured, the epoxy can be sanded and shaped.

This product is not recommended for new construction, high-performance, or submerged applications. The WEST SYSTEM 105 Epoxy Resin® and hardeners are better suited for these applications.

Handling Characteristics

Mix ratio by volume	2:1
by weight	2.32:1
Mixed viscosity (at 72°F) ASTM D-2393.....	175 cps
Working time in mixing bottle (~95g at 72°F)	30-40 minutes
Recoat Time: thin film (at 72°F)	≥12 hours
surface build-up (at 72°F)	3 hours
Time to sand (at 72°F)	24 hours
Kit Mixing Bottle Coverage	≥55 in ²
Surface Build-up Max Thickness.....	½ inch
Minimum recommended temperature	50°F (10°C)

Physical Properties of Cured Epoxy

Cured Density	1.13 (g/cm ³)
Hardness (Shore D) ASTM D-2240.....	81
Compression yield ASTM D-695.....	6,900 psi

Storage/Shelf Life

Store at room temperature. Keep containers sealed when not in use to prevent contamination. With proper storage, resin and hardener should remain usable for several years.

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