



TECHNICAL DATA BULLETIN

FIXWOOD

TotalBoat FixWood Epoxy Putty is ideal for repairing damaged or rotted wood indoors and outdoors. This 2-part repair compound bonds strongly to wood and other porous materials, without running or sagging. Simply mix the two components in a 1:1 ratio and apply. Upon full cure, FixWood can be shaped, sanded, painted, primed, stained, and fastened. 100% waterproof compound won't crack or shrink, for permanent repairs to non-structural woodwork.

HANDLING PROPERTIES	<u>VALUE</u>	<u>TEST METHOD</u>
Resin Color	White	Visual
Hardener Color	Tan	Visual
Resin Density, lbs/gal	4.9	ASTM D1475
Hardener Density, lbs/gal	5.0	ASTM D1475
Mix Ratio By Volume	1A to 1B	Calculated
Mix Ratio By Weight	100A to 100B	Calculated
Mixed Appearance	Tan Putty	Visual
Work Life at 72°F, 100g mass, min.	30-35	ASTM D2471
Sag Resistance, inches	>2	Vertical Surface
Tack Free Time at 72°F, hours	2	
Time to Sand at 72°F, hours	<6	
Full Cure at 72°F, days	5-7	
Application Temperature	50-100°F	
Minimum Shelf Life	1 Year	

SURFACE PREPARATION:

Areas of wood that are punky or soft from rot or dry rot should first be treated with TotalBoat Penetrating Epoxy, as directed. The surface must be clean, dry, and free of any grease or oil before applying TotalBoat FixWood. In the area that is to be treated, sand the wood with 60-120 grit sandpaper. Remove any sanding residue before applying.

MIXING AND HANDLING:

Always wear disposable nitrile or latex gloves when mixing and using TotalBoat FixWood. Mix 1 part FixWood PART A – RESIN with 1 part PART B – HARDENER by volume. Do not add extra resin or hardener. Mix by hand until the putty achieves a consistent color, without any resin- or hardener-rich areas. Mix only as much material as can be used in 20 minutes.





APPLICATION:

Apply and mold by hand or with tools, as desired. When filling holes or gouges, work the TotalBoat FixWood into the cavity as much as possible to displace any air, and overfill the cavity so it can be sanded smooth after. FixWood will be tack free in 2 hours, and will cure to be sanded in 6 hours (at 72°F). FixWood will require a longer time to cure in cooler conditions, and, in warmer conditions, it will be sandable sooner.

CLEANUP:

Clean up with acetone, denatured alcohol, or lacquer thinner before it is cured. Once cured, it must be removed mechanically.

STORAGE:

Store at 60-90°F in a dry place. After use, tightly reseal all containers. Store products on a raised surface off the floor during cold weather and avoid storing near outside walls or doors. Epoxy resins that are contaminated with dust or moisture, or are subjected to low temperatures may crystallize. Do not use material that has any sign of crystallization until it has been liquefied. A crystallized resin or hardener can be returned to its original state by heating the material to 140°F to 150°F and stirring until it returns to the liquid state.

SAFETY HANDLING:

Work in well-ventilated areas using gloves, eye protection and clothing protection. Avoid contact to the skin and eyes. Avoid clothing contamination. Wash thoroughly after handling. These products may cause skin and respiratory allergic reactions. Consult Safety Data Sheets (SDS) for complete health and safety information.

Jamestown Distributors has experience only in the compounding of resins and hardeners and not in the actual manufacture of tools or parts. Each piece is different. The user should run tests to assure the suitability of the system for use in a particular application. The test data and results set forth herein are based on laboratory work and do not necessarily indicate the results that the buyer or user will attain.

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