



REPRO SURFACE COAT & LAMINATING RESIN

➔ A Freeman exclusive! The **Repro® Surface Coat and Laminating Resin System** is a low-cost, fast, and very accurate alternative to traditional epoxy fiberglass tooling. Although not designed for high-temperature or high-wear applications, it is the ideal material choice for many larger moldmaking applications. Both materials are white in color.



Specifications

	Mix Ratio R:H (by wt. or vol.)	Gel Time (min.) @ 72°F	Demold Time (min.) @ 72°F	Hardness (Shore D)	Specific Gravity	Mixed Viscosity (cps) @ 1 min.	Volumetric Yield (in. ³ /lb.)
Surface Coat	1:1	13	3-4 hr.	84	1.9	6,000	14.5
Laminating Resin	1:1	15	3-4 hr.	84	1.9	3,500	14.5
ASTM Tests	-	-	-	D-2240	D-792	-	-

Additional Advantages of Repro Surface Coat & Laminating Resin:

- Low exotherm system provides for very low-shrinkage tools – system will not get hot even in thick applications
- Quick 3-4 hour demold time compared to a 24-hour cure time for epoxy systems
- Very easy system to use for first time toolmakers
- Both the surface coat and laminating resin will adhere to material that has previously been cured

THE PROCESS Upon sealing and applying appropriate release:

1. Brush Repro Surface Coat on model and apply additional coats at 'almost tack-free' stage.
2. Combine Repro Laminating Resin with chopped fiberglass strand.
3. Apply fiberglass strand and resin mixture behind surface coat.
4. After approximately 3-4 hours, demold tool when cured.

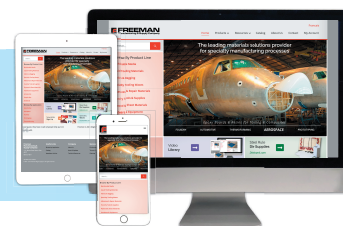


For part numbers, technical documents, and ordering, visit our website at www.FreemanSupply.com.



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Your Freeman Customer Number can be found on any invoice.



ABOUT FREEMAN MANUFACTURING & SUPPLY CO.

Freeman is North America's extensive composites manufacturing materials supplier offering a comprehensive selection of fiberglass and carbon fabric, resins, releases, vacuum-bagging materials, and high-temperature tooling boards. Freeman's 14 locations across North America and dedicated technical team allows for high-quality products and service.

BRANCH LOCATIONS & PUBLIC WAREHOUSES

Freeman has strategically placed satellite locations across North America with customer service representatives ready to help. Thousands of products are stocked at these locations as well as public warehouses to reduce your shipping costs.

STRATEGIC & EFFECTIVE STOCKING SYSTEMS

Freeman's inventory staff constantly monitors sales and stocking data across the country to properly provide the right amount of products at each location.

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Freeman ships orders all across the globe and has various international distributors available to supply customers with top-quality products.



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