

Technical Data Sheet



W V C O

Willamette Valley Company

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Partnering through service,
innovation, and integrity

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U-100 MB-NS Synthetic Patch

Two-Component Polyurethane Wood Filler

DESCRIPTION

U-100 Micro Bubbles-Non Shrink or U-100 MB-NS Synthetic Patch Resin is a two-component polyurethane wood filler. It works well in applications that require a long-lasting, smooth finish such as moulding, furniture grade plywood, door blanks, and any application where a smooth surface is required. Designed with microscopic spheres to allow stain acceptance and easier sanding. U-100 MB-NS incorporates a special ingredient that minimizes product shrinkage on cure and helps maintain the smooth finish.

WHERE TO USE

- Moulding, Laminated Beams, Door Blanks
- Furniture Grade Milled Lumber
- Plywood Panels
- Industrial Mill Environments

FEATURES AND BENEFITS

- APA Approved – quality assurance
- Micro-Spheres – stainable, easier to sand and plane
- Special Ingredient - minimized shrinkage
- Smooth Finish – paintable

PACKAGING

5 gallon pails
Drums, 55 gallons
Totes, 330 gallons

SHELF LIFE

3 months from date of manufacture when properly stored. May require mixing after prolonged storage.

STORAGE

Store this product in a clean, dry, shaded or covered environment above 45°F. DO NOT FREEZE.

TECHNICAL INFORMATION

TYPICAL PROPERTIES

Density – lbs / gallon	Part A Resin	8.66 +/-0.4
	Part B ISO	10.3
Viscosity, cps, ASTM D 4878	Part A Resin	4500 +/-500
	Part B ISO	200
Mix Ratio – Part A:B by volume		6:1
Set Time in seconds at 77°F (25°C) at 70 mils		25 to 70
Color		Available in many colors

APPLICATION

Willamette Valley Company metering equipment is highly recommended for the application of U-100 MB-NS. The metering equipment is specifically engineered for controlling the mix ratio, temperature, viscosity, and set time for U-100 MB-NS. Contact your Willamette Valley Company representative for information about metering equipment.

ADVANTAGES

Under Proper surface preparation and mixing conditions, U-100 MB-NS is fully approved the American Plywood Association for routed defects of up to 2.25" in diameter.

The Willamette Valley Company also offers an excellent Full Service Warranty.

NOTES

This product is supplied to the customer in a ready to use form. Any addition of water or other materials will result in degradation of the product performance.

HEALTH AND SAFETY

Willamette Valley Company recommends reading and becoming familiar with the Material Safety Data Sheet before using.

CONTACT INFORMATION

Please see the side bar on this and the front page for the Division nearest to your location.

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DISCLAIMER OF WARRANTY

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