



WATCO® LACQUER CLEAR WOOD FINISH

DESCRIPTION AND USES

Watco® Lacquer Clear Wood Finish is a durable lacquer finish designed for spray or brush application on wood. It fills in the pores of most woods, eliminating the need for wood filler. It is ideal for furniture, doors, cabinets and paneling. It is not recommended for floors or exterior surfaces.

PRODUCTS

SKU	SIZE	DESCRIPTION
63081	Spray	Clear Gloss
63041	Quart	Clear Gloss
63031	Gallon	Clear Gloss
63181	Spray	Semi-Gloss Clear
63141	Quart	Semi-Gloss Clear
63131	Gallon	Semi-Gloss Clear
63281	Spray	Satin Clear
63241	Quart	Satin Clear
6331	Gallon	Satin Clear

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES – All surfaces must be clean, dry, and free of wax, grease, oil, shellac, mildew, and polishes. Remove wax with a wax stripper, shellac with a paint stripper, and mildew with a solution of 10% household bleach and water.

PREVIOUSLY FINISHED SURFACES – For best adhesion, surfaces must be clean, dry, and free of old finishes, dust, dirt, oils, or foreign matter. Old finishes in poor condition must be removed. Sand to obtain a smooth surface. Remove all sanding dust using a vacuum or cloth dampened with mineral spirits.

STAINED OR PAINTED WOOD - Follow manufacturer's direction for application of stain or paint. Make certain surface is thoroughly dry before applying Watco Clear Lacquer.

UNFINISHED WOOD - Sand using 150-220 grit sandpaper and remove all sanding dust with a vacuum or a rag dampened with mineral spirits. If a filler or putty is used, make sure it does not contain wax and allow for enough time to dry thoroughly.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

PRODUCT APPLICATION (cont.)

APPLICATION

Use adequate ventilation at all times. Do not apply in direct sunlight. Apply only when the air and surface temperatures are between 55-90°F (13-32°C) and the relative humidity is below 85%. If applying over white or pastel paints or stains, test in an inconspicuous area before beginning. Testing is important when applying over paints or stains as an undesired appearance may occur when these products are topcoated with a lacquer finish.

BRUSH - Stir thoroughly before and during use. To prevent bubbles in the finish, **DO NOT SHAKE**, over brush, or apply with a roller. Apply using a good quality bristle brush or applicator. Allow the finish to dry 2 hours and then recoat. Recoat only when the previous coat has dried clear and feels hard. If any coat has dried more than 6 hours, lightly sand with 220 grit sandpaper before recoating to avoid brush marks. Apply additional coats following directions above. A minimum of 3 coats is recommended. Allow finish to dry 24 hours before light use. Allow 7 days before subjecting the surface to normal usage.

SPRAYS - Shake can vigorously for 2 minutes before use. Spray light coats 8 to 12 inches from the surface to avoid runs and sags. Allow the finish to dry 2 hours and then recoat. Recoat only when the previous coat has dried clear and feels hard. Several light coats result with a better finish than one heavy coat. If any coat has dried more than 6 hours, lightly sand with 220 grit sandpaper before recoating. Apply additional coats following directions above. A minimum of 3 coats is recommended. Allow finish to dry 24 hours before light use. Allow 7 days before subjecting the surface to normal usage.

CLEAN UP

Sprays – Clean spray tip immediately after use by turning the can upside down and spraying for several seconds.

Brush- Clean tools and equipment with lacquer thinner.



TECHNICAL DATA

LACQUER CLEAR WOOD FINISH

PHYSICAL PROPERTIES

		SPRAYS	GLOSS FINISH	SEMI-GLOSS FINISH	SATIN FINISH
Resin Type		Nitrocellulose modified alkyd	Nitrocellulose modified alkyd, rosin	Nitrocellulose modified alkyd, rosin	Nitrocellulose modified alkyd, rosin
Pigment Type		NA	NA	NA	NA
Solvents		Acetone, Toluene, Glycol ethers, N-Butanol, N-Butyl Acetate	Acetone, Xylene, Glycol ethers, N-Butanol, N-Butyl Acetate	Acetone, Xylene, Glycol ethers, N-Butanol, N-Butyl Acetate	Acetone, Xylene, Glycol ethers, N-Butanol, N-Butyl Acetate
MIR		1.0 Max	NA	NA	NA
Fill Weight		11.5 oz.	NA	NA	NA
Weight	Per Gallon	NA	7.5 lbs.	7.5 lbs.	7.5 lbs.
	Per Liter	NA	0.9 kg	0.9 kg	0.9 kg
Solids	By Weight	NA	26.8%	25.8%	26.6%
	By Volume	NA	21.3%	20.6%	21.3%
Volatile Organic Compounds		NA	651 g/l (5.4 lbs./gal.)	659 g/l (5.4 lbs./gal.)	652 g/l (5.4 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.0-1.5 mils	1.0-1.5 mils	1.0-1.5 mils	1.0-1.5 mils
Wet Film to Achieve DFT (unthinned material)		NA	5.0-7.0 mils	5.0-7.0 mils	5.0-7.0 mils
Theoretical Coverage at 1 mil DFT (25µ)		NA	342 sq.ft./gal.	330 sq.ft./gal.	342 sq.ft./gal.
Practical Coverage at Recommended DFT (assumes 15% material loss)		40 sq.ft./can	190-290 sq.ft./gal.	190-280 sq.ft./gal.	190-290 sq.ft./gal.
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	30 minutes	1 hour	1 hour	1 hour
	Recoat	2 hours	12 hours	12 hours	12 hours
	Light Use	24 hours	24 hours	24 hours	24 hours
	Normal Use	7 days	7 days	7 days	7 days
Shelf Life		3 years	3 years	3 years	3 years
Flash Point		-156°F (104°C)	>93°F (34°C)	>93°F (34°C)	>93°F (34°C)
Safety Information		For additional information, see MSDS			

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