RUST-OLEUM®

6711 SYSTEM
CLEAR WATER-BASED POLYURETHANE

DESCRIPTION AND USES

6711 is a clear, fast drying, oil-modified, single component waterborne polyurethane. This coating cures by air oxidation at ambient temperatures to give the performance of comparable single component solvent borne oil modified polyurethanes, but at a substantially lower VOC. Designed for interior or exterior use on wood floors where a natural finish is desired. Also useful as base coat for the 6500 100% solids epoxy system, or as a sealer for concrete. Can also be used to enhance gloss of anti-slip floor products.

PACKAGING

1 gallon containers

APPEARANCE

Gloss varnish which ambers slightly over time.

PRODUCT APPLICATION

SURFACE PREPARATION

NEW WOOD: Sand wood surface smooth. Final sand with a fine grit sandpaper. Remove dust, dirt and residue. Wood should be completely dry and free of contaminants.

PREVIOUSLY VARNISHED OR STAINED WOOD: Allow oil based stains up to seven days to dry before topcoating. Previously varnished wood or stained wood may need to be degreased and dewaxed. A combination of sanding followed by Industrial Pure Strength® 3599 Cleaner/Degreaser or other suitable cleaner is recommended. On previously coated surfaces, application of a small test patch is recommended. Check for unusual appearance or adhesion problems before recoating.

CONCRETE AND MASONRY: May be used as a sealer or anti-dusting coating on fully cured concrete. The surface must be dry and free of concrete salts. Multiple coats maybe necessary for the best appearance.

APPLICATION

Apply only when the air and surface temperatures are between 50-100°F and the surface is at least 5°F above the dew point. Do not shake or incorporate air when mixing. Gentle stirring with a paint stick is recommended. For best appearance, apply multiple coats. A minimum of three coats is needed on wood for best appearance, additional coats for high traffic areas. On wood, sand lightly with an abrasive pad between coats when needed, do not use steel wool.

THINNING

BRUSH/ROLLER/PAD: Thinning not recommended.

AIR-ATOMIZED SPRAY: 0-5% with clean, fresh water. May sag on vertical surfaces.

CLEAN UP

Soap and water, 190 Thinner or Methyl Ethyl Ketone for partially dried material.

EQUIPMENT RECOMMENDATIONS

BRUSH: Use a good quality bristle or compatible synthetic bristle. Synthetic pads, squeegee or a metering rod is also possible.

ROLLER: Short nap or 1/4" on large areas a foam type mop may be used.

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Printed in USA

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TECHNICAL DATA

6711 SYSTEM CLEAR WATER-BASED POLYURETHANE

PHYSICAL PROPERTIES

Resin Type		Waterborne oil-modified polyurethane
Pigment Type		None
Solvents		N-methyl-2-pyrrolidone
Weight	**Per Gallon**	8.56 lbs. (3.85 kg.)
	Per Liter	—
Solids	**By Weight**	30%
	By Volume	29%
Volatile Organic Compounds		<250 g./l. (2.08 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		0.5-1.0 mils (12.5-25µ)
Wet Film to Achieve DFT		2-3.5 mils (50-87.5µ)
Theoretical Coverage at 1 mil DFT (25µ)		465 sq. ft./gal. (11.4 m^2/l.)
Practical Coverage at Recommended DFT (assumes 15% material loss)		400-800 sq.ft./gal. (9.8-19.7 m^2/l.)
Dry Times at 70-80°F (21-27°C) and 50% Rel. Hum.	**Tack-free**	15 minutes
	Recoat	30 minutes
	Lt. foot traffic	1 day
	Scuff resistance	4 days
Shelf Life		2 years
Safety Information	**Flash Point**	Above 200°F
	Contains	No lead has been deliberately added.
	Warning!	**FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN REFER TO MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL FOR ADDITIONAL SAFETY INFORMATION.**

Calculated values are shown and may vary slightly from the actual manufactured material.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

RUST-OLEUM® INDUSTRIAL BRANDS

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