

DESCRIPTION AND USES

Mira-Clear Waterborne Urethane/Acrylic Finish is an exceptionally clear finish providing the user with a number of advantages over conventional solvent-based wood finishes and varnishes while affording the same durable finish associated with solvent-based products. **Mira-Clear** is fast drying, very clear and will not darken or amber over time. Its urethane/acrylic base provides a very tough finish suitable for use on floors as well as other interior wood surfaces. **Mira-Clear** has very low odor, is non-flammable and low VOC, making it a good choice for occupied spaces. **Mira-Clear** meets VOC requirements for use in LEED construction.

SPECIFICATIONS

SURFACE PREPARATION: All wood surfaces to be finished must be clean, dry and free of contaminants such as oil or wax. Maple and birch should be sanded with 180 grit sandpaper prior to finishing. Moisture content of wood should be 7-9%. Oil-based stains should be allowed to dry a minimum of 24 hours before application of topcoat. Previously finished surfaces should be cleaned and thoroughly sanded with 220 grit sandpaper to ensure adhesion.

MATERIAL PREPARATION: **Mira-Clear Waterborne Urethane/Acrylic Finish** is ready to use as packaged. Mix or agitate thoroughly before use.

APPLICATION: **Mira-Clear** may be applied with a synthetic bristle brush, pad applicator, roller or spray. Apply a full, even coat, maintaining a wet edge. Careful application is necessary to avoid bubbles in the finish. On bare wood, 3 coats will usually provide adequate film thickness, however, on very porous woods, 4 coats may be necessary. Sand between coats with 220 grit sandpaper. Remove sanding dust with a damp cloth. Apply at air and surface temperatures between 60°F and 90°F. Relative humidity should be between 30% and 70%. Allow oil-based stains to dry at least 24 hours before finishing with **Mira-Clear**.

CLEAN UP: Clean up wet coating with water. To remove dried product from equipment, use Lacquer Thinner.

PRECAUTIONS

Some white or pastel oil-based stains may yellow when coated with waterborne finishes. Some oil based stains and latex paints are not compatible with this product, resulting in poor adhesion or micro-cracking. Apply a test sample to unknown substrates to determine compatibility. Do not use a tack cloth to remove dust as this may leave a residue affecting adhesion. This product will not bond to shellac or fillers, sealers and lacquers that contain stearates. High humidity and/or low temperatures will lengthen the dry and cure time of this product. Allow to dry 24 hours before subjecting floors to heavy traffic. Intended for interior use only.

PRODUCT CODES

334C - Clear Soft Gloss

TECHNICAL DATA

VEHICLE TYPE: Urethane Modified Acrylic

VOLUME SOLIDS: 28.5%

WEIGHT SOLIDS: 30.0%

DENSITY: 8.66 lbs/gal

ACTUAL VOC: 1.1 lbs/gal

REGULATORY VOC: 330 g/L

SHELF LIFE: Minimum 1 year shelf life when properly stored.

SEALER: Self-seal

CLEAN UP SOLVENT: Water

COVERAGE: 300-500 square feet at 1 mil dry film thickness.

DRY TIME: Dry to the touch in 30 minutes, sand in 60 minutes, re-coat in 2 hours. (*Relative humidity and temperature will affect dry time*).

For complete safety information, refer to the SAFETY DATA SHEET for this product.

RepcoLite
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