



Technical Data

DECORATORS VARNISH

WATER BASED CLEAR WITH ULTRA VIOLET PROTECTION

DESCRIPTION:	Decorators Varnish is a unique, polymeric waterborne, low viscosity, ultra violet resistant, clear topcoat designed to protect decorative materials on interior or exterior surfaces (3 coats recommended for exterior use). Dries to a flexible, weather resistant finish. It helps prevent color degradation by reducing the effects of harmful ultraviolet rays, which cause premature fading.
ADVANTAGES:	Contains ultra violet absorbers and therefore can be used to top coat interior surfaces (murals, etc.) that will be exposed to sun light (near doors, windows etc). Exhibits excellent adhesion to many substrates. Has excellent leveling and flow characteristics. Cures to a non-yellowing finish and therefore can be used directly on pictures, murals, portraits without altering the colors. Non-Flammable, non-toxic when cured, low odor.
RECOMMENDED	Formulated for use over decorative paint work (faux designs, murals, etc.) on a variety of different painted substrates (<u>see Precautions section below</u>) (vinyl, wood, metal, plaster, plastic and many synthetics). Ideal for use over wallpaper, stone, brick and fabrics.
FINISH:	Available in Dead Flat, Satin and Gloss finishes. Dead Flat - dead flat (non glare) at perpendicular angle. (@60 - 0 (zero) to 1. Two coats raise the finish to 2. Three coats raise the finish to 4. Satin - for depth and soft sheen. (@60 - 35. Gloss - (@60 - 90+.
PRECAUTIONS:	Decorators Varnish is an acrylic copolymer. One characteristic of all acrylic clears is that the coating can fog up in wet, damp or highly humid weather conditions. The fogging will dissipate quickly when the temperature rises and the weather becomes drier. To avoid this condition use Ronan AquaFlx Clear or Aquathane Clear (100% urethanes) on exterior surfaces. Consult the technical data sheets for those products. IMPORTANT!! Some artist colors, mural paints, faux finish paints and glazes may have a weaker polymeric structure than Decorators Varnish . Decorators Varnish can attack weak or not fully cured painted finishes causing cracking and/or lifting. We recommend a 2-coat system of clears to prevent cracking of the weaker painted finish. <u>First coat</u> - Aqua Leaf™ Clear Guard (of the preferred finish) let dry for 24 hours. <u>Second coat</u> - Decorators Varnish . Before using clear topcoats, perform a patch test 1). to determine if the clear causes any cracking or lifting of the surface coating 2). to test adhesion and 3). to determine that the clear gives the desired finish (It is especially important to test for clarity over dark colors and whites). Do not apply directly over glazes or uncured oil based paints.
SURFACE PREPARATION:	All surfaces must be clean and free from loose or peeling paint, grease, oil, dirt, rust, mill scale and other contaminants. If this procedure is not observed, the drying and adhesion of any coating will be adversely affected. Vinyl Surfaces: Pretreat by wiping with isopropyl alcohol to lower surface tension, let dry before painting. Note: Because of the many types of vinyl on the market it is recommended that Decorators Varnish be tested on each type before using. To test, apply Decorators Varnish , let dry fully (8 hours). Apply a piece of tape to the coated area and remove tape. If coating does not lift when tape is removed, then it is suitable to use for that type of vinyl.

APPLICATION:	Follow surface preparation instructions. Stir thoroughly. Apply by brush, roller or spray. Caution! Do not apply in heavy coats. Do not allow wet film to puddle. For best results apply 2 or 3 thin coats. Allow each coat to dry thoroughly before applying another coat. Brush: Any good quality synthetic bristle brush. Roller: A short nap industrial roller will give the best results. Do not use a foam roller. Spray: For information on spraying, refer to equipment manufacturer's instructions.
APPLICATION TEMPERATURE:	Minimum 50° F. - Maximum 95° F.
APPLICATION HUMIDITY:	Maximum 85%.
DRY TIME:	(@ 70° F; 50% Relative Humidity: Dries to touch - 45 minutes to 1 hour; to handle: 2 1/2 hours; to recoat - 4 hours; Dry hard - 8 hours. Full cure - 72 hours. May take longer to dry under humid conditions.
THINNING:	Do not thin under normal conditions. Use at full strength for maximum efficiency.
CLEAN UP:	Warm water.
WEIGHT PER GALLON:	Dead Flat - 8.6 ± 0.1 lbs. Satin - 8.5 ± 0.1 lbs. Gloss - 8.5 ± 0.1 lbs.
VISCOSITY:	(@ 75° F (24° C) 400 - 450 CPS (Brookfield).
THEORETICAL COVERAGE:	3 mils wet (@ 400 square feet per gallon.
SPREADING RATE:	540 sq.ft. (@ 1 mil dry.
FLASH POINT:	Not Applicable.
PACKAGING:	4 gallons per case. 6 quarts per case. 12 half pints per case. ;
STORAGE TEMPERATURE:	40° F minimum to 95° F maximum. ;
SHELF LIFE:	2 Years.
VOC INFO:	Maximum VOC/VOS is 2.92 pounds per gallon or 350 grams per liter.
CAUTIONS:	Keep from freezing. Read material safety data sheet before handling or using this product.

DISCLAIMER: The technical information here in is based on T.J. Ronan Paint Corp. research and experience and is believed to be reliable, but such information does not constitute a warranty. Since T. J. Ronan Paint Corp. has no control over the conditions under which the product is transported, stored, handled, used or applied, buyers must determine for themselves, by preliminary test or otherwise, the suitability of the product for their purposes. Factors beyond our control prevent us from assuming damage to property or person, even when this product is applied according to directions. In no event shall our liability exceed the purchase price of this product.

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