

Interior Polyurethane Water Based Acrylic

Interior Water Based Multi-Use Finish



DEFT® Interior Polyurethane Water Based Acrylic is an interior water based hybrid coating that provides professional results on a wide variety of wood surfaces. This finish is a clear finish that provides hardness and excellent durability. *Deft* Interior Polyurethane Water Based Acrylic is ideal for stained or bare wood surfaces including furniture, floors, cabinets, doors, windows, trim, paneling and molding.

Proven Durability

- Hard, durable finish
- Resists abrasion and marring
- Fast dry
- Resists alcohol and common household chemicals

Plenty of Uses

Deft Interior Polyurethane Water Based Acrylic provides durability and protection to a wide variety of interior surfaces. It's ideal for:

- Floors
- Doors
- Furniture
- Cabinets
- Trim

Conformance Standard

VOC compliant in all regulated areas



DFT157	Gloss	Quarts, Gallons
DFT158	Semi-Gloss	Quarts, Gallons
DFT159	Satin	Quarts, Gallons

Product Data

PRODUCT TYPE: Acrylic Oil Modified Urethane Dispersion
SHEEN: DFT157 Gloss: 85+ (60°)
DFT158 Semi-Gloss: 43-53 (60°)
DFT159 Satin: 18-28 (60°)

VOLUME SOLIDS: 28 ± 1%

WEIGHT SOLIDS: 30 ± 1%

VOC*: <275 g/L

*Product data calculated on DFT157

WEIGHT/GALLON: 8.4 – 8.6

VISCOSITY* @77°F (25°C): 52-56 KU (Stormer Viscometer)

FLASH POINT: 157°F (69.44°C)

COVERAGE: Up to 500 sq.ft./gal; (46.5 sq.m/3.78L)
depending on surface texture and porosity

Wet Film Thickness: 3.0 mils

Wet Microns: 76.2

Dry Film Thickness: 0.8

Dry Microns: 20.32

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.

To Touch: 30 minutes

Tack-Free: 90 minutes

To Recoat: 2 hours

Drying times listed may vary depending on temperature, humidity, film build, color and air movement.

CLEANUP: Clean all brushes and applicators with soap and water.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal on unused product. Do not pour down a drain or storm sewer.

DFT157, DFT158, DFT159

Interior Polyurethane Water Based Acrylic (275 VOC)



Application Information

Stir thoroughly before using. Do not shake. **USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.** Read all label and Material Safety Data Sheets (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Application Equipment: Apply with a brush, paint pad or by spray equipment; Airless, HVLP, Conventional. No thinning is needed.

Application Method: Always apply with the grain of the wood using a smooth, even stroke.

This product may cause some grain raise. Light sanding with fine sandpaper will remove swollen wood fibers.

General Surface Preparation

Surface must be clean and dry. Remove all loose and peeling paint, dirt, grease and any other surface contaminants.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact 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 USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

WARNING! VAPOR HARMFUL. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN, NOSE AND THROAT IRRITATION. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. **MAY BE HARMFUL IF ABSORBED THROUGH SKIN.** May cause reproductive damage. Keep away from heat, sparks, and flames. Prevent build-up of vapors by opening all windows and doors to achieve cross ventilation. Use only with adequate ventilation. Do not breath dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Do not get in eyes, on skin or clothing. **FIRST AID:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately. For skin contact, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medial attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. **WARNING!** If you scrape, sand or remove old paint from any surface, 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 U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead. **WARNING:** This product contains a chemical known to the STATE OF CALIFORNIA to cause cancer and birth defects, or other reproductive harm. **USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING.**

BARE WOOD: Sand with 180 to 220 grit sandpaper along the wood grain until smooth. Do not use steel wool. Remove all dust. *Deft* Interior Polyurethane Water Based Acrylic can be applied direct to wood or to enhance the color of the wood, use *Deft* Interior Oil Based or Water Based stains.

PREVIOUSLY COATED WOOD: If the clean surface is in good condition, sand with 180 – 220 grit sandpaper. Do not use steel wool. Remove all dust. Test in a small area to ensure proper adhesion. If the finish is damaged or deteriorated, complete removal of the finish is recommended.

RECOAT: For adequate protection two or more coats are required. A minimum of three coats are recommended for applications to interior floors. Sand with 180 to 220 grit sandpaper along the wood grain until smooth. Do not use steel wool. Remove dust.

Limitations of Use

Do not apply when the air, coating or surface temperature is below 50°F (10°C).

These products are not intended for immersion service or other extreme conditions. Not recommended in situations characterized by high heat or presence of corrosive chemicals.

Do not attempt to use on prewaxed wood flooring. Follow flooring manufacturer's coating recommendations.

Do not apply over sanding sealers which contain zinc stearate.

Do not use over white or light colored stain and paint surfaces.

PROTECT FROM FREEZING.