

# Interior/Exterior Polyurethane Water Based

Platinum Protection for hard-use wood surfaces in a waterborne finish



DEFT® Interior/Exterior Polyurethane Water Based is a modified urethane that provides added protection from water, sun and wind damage. This advanced formula contains both UV absorbers and UV inhibitors to deliver excellent ultraviolet protection and provide protection against the damaging effects of the sun. *Deft* Interior/Exterior Polyurethane Water Based is ideal for stained or bare wood surfaces including doors, furniture, interior floors, cabinets, trim and more.

## Proven Durability

- Protects against rain, sun and wind damage
- Excellent ultraviolet protection
- Excellent hardness
- Exceptional sanding properties
- Resists abrasion and common household chemicals

## Plenty of Uses

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

- Interior Floors
- Doors
- Furniture
- Cabinets
- Trim
- "Above waterline" marine applications

## Conformance Standard

VOC compliant in all regulated areas



DFT257	Gloss	Quarts, Gallons
DFT258	Semi-Gloss	Quarts, Gallons
DFT259	Satin	Quarts, Gallons

## Product Data

**PRODUCT TYPE:** Modified Urethane

**SHEEN:**  
DFT257 Gloss: 85+ (60°)  
DFT258 Semi-Gloss: 45-55 (60°)  
DFT259 Satin: 18-28 (60°)

**VOLUME SOLIDS:** 31 ± 1%

**WEIGHT SOLIDS:** 32 ± 1%

**VOC\*:** <275 g/L

\*Product data calculated on DFT257

**WEIGHT/GALLON:** 8.3 – 8.5

**FLASH POINT:** 212° (100°C)

**VISCOSITY\* @77°F (25°C):** 50 – 60 KU (Stormer Viscometer)

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

Wet Film Thickness: 3.0 mils

Wet Microns: 76.2

Dry Film Thickness: 0.8 mils

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.

# DFT257, DFT258, DFT259 Interior/Exterior Polyurethane Water Based



## 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, roller 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](http://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.

**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/Exterior Polyurethane Water Based 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 exterior applications or applications to interior floors. Sand with 180 to 220 grit sandpaper along the wood grain until smooth. Do not use steel wool. Remove dust.

Exterior clear finishes will degrade with time. Surfaces in direct sunlight or subject to more harsh environments may have to be recoated more often to maintain sheen and prevent degradation. Recoat when the first signs of deterioration appear.

## Limitations of Use

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

For exterior applications, avoid application late in the day when dew or condensation is likely to form or if rain is anticipated. 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 use over white or light colored stain or paint surfaces.

Do not apply over zinc stearates or shellacs.

**Not for use on exterior floors, decks, siding or fences.**

**PROTECT FROM FREEZING.**

**WARNING! VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. 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 breathe 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 medical 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](http://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.**