



# Industrial Wood Coatings

CC-F702

## SHER-WOOD® 275 Lacquer

Gloss ..... T75CH61  
 Bright Rubbed Effect ..... T75FH126  
 Medium Rubbed Effect ..... T75FH123  
 Dull Rubbed Effect ..... T75FH124  
 10 Sheen ..... T75FH125

### DESCRIPTION

**SHER-WOOD® 275 Lacquer** is a clear nitrocellulose lacquer formulated to meet 2.3 lb/gal (275 g/L) VOC regulations for use on wood furniture and other interior woodworking products.

#### Advantages:

- Less than 2.3 lb/gal, 275 g/L VOC, less exempt solvents\*
- Can be used as a self-seal system or over SHER-WOOD NC Lacquer Sealer, T65FV14
- Ready to apply, no reduction required
- Versatile - Can be applied by airless, air-assisted airless, HVLP and conventional spray equipment

#### Air Quality Data:

- Non-photochemically reactive
- Volatile Organic Compounds (VOC) theoretical as packaged, maximum less exempt solvents: 2.28 lb/gal, 274 g/L
- Volatile Hazardous Air Pollutants (VHAPS) as packaged: No reportable VHAPS.

An Environmental Data Sheet is available from your local Sherwin-Williams facility or at [www.paintdocs.com](http://www.paintdocs.com).

\*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.

### CHARACTERISTICS

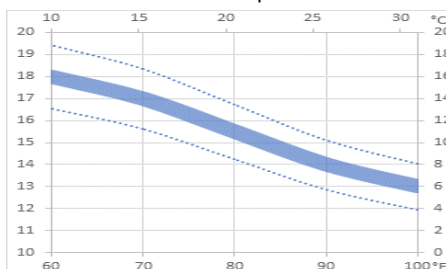
#### Gloss @ 60° angle:

Gloss 85+ units  
 BRE 55-59 units  
 MRE 34-38 units  
 DRE 17-21 units  
 10 Sheen 8-12 units

**Volume Solids:** 14.5% ± 1%

#### Viscosity:

16 seconds #2 Zahn Cup



The above chart is for information only and should not be used as product specifications

#### Recommended film thickness:

Mils Wet 3.0–5.0  
 Mils Dry 0.45–0.76

Maximum DFT for total system is 4.0 mils

**Spreading Rate** (no application loss) 232 sq ft/gal @ 1.0 mils DFT

#### Drying (77°F, 50% RH):

To Touch: 10-15 minutes  
 To Handle: 20-30 minutes  
 To Sand: 40 minutes  
 To Recoat: 40 minutes  
 To Pack: overnight  
 Force Dry: Flash 20 minutes, then 15 minutes at 120°F.

**Flash Point:** 4°F Pinsky-Martens Closed Cup

**Package Life:** 18 months, unopened

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

#### Wood—Interior only

All finishing lumber shall be stored on the premises in dry, warm rooms to prevent absorption of moisture, shrinkage, and roughening of the wood. All surfaces shall be sanded smooth, with the grain, and never across it. Must be clean, dry, and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints, and any contamination to ensure optimum adhesion and coating performance properties. Moisture content of wood should be 6 to 8%. Surface blemishes shall be corrected and the room cleaned of dust before proceeding with finishing coats. Finishes shall be lightly sanded between coats.

**Testing:** The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

## **APPLICATION**

### Typical Setups

For optimal results, it is recommended to apply this product at room temperature. Surface and ambient temperatures must be above 50°F at the time of application.

#### **May be applied by:**

Conventional Spray  
Airless Spray  
Air Assisted Airless  
HVL

#### **Conventional Spray:**

Air Pressure..... 35-45 psi  
Fluid Pressure ..... 10-15 psi  
Cap/Tip......011-.015"  
Reducer..... Acetone  
Reduction ..... as needed up to 10%

#### **Airless Spray:**

Pressure .....1500-2000 psi  
Tip...... .010 - .013"  
Reducer..... Acetone  
Reduction ..... as needed up to 10%

#### **Air Assisted Airless:**

Assist Air Pressure ..... 10-25 psi  
Fluid Pressure .....600-1200 psi  
Cap/Tip ..... .011-.013"  
Reducer..... Acetone  
Reduction ..... as needed up to 10%

#### **HVL:**

Air Pressure..... 4-10 psi  
Fluid Pressure ..... 35-45 psi  
Cap/Tip...... 29F11/2005-1.4  
Reducer..... Acetone  
Reduction ..... as needed up to 10%

**Retarder:** Oxsol can be used as an alternate reducer up to 3% maximum.

#### **Cleanup:**

Clean tools/equipment immediately after use with Acetone. Always follow instructions given by equipment supplier

## **ADDITIONAL INFORMATION**

- For interior use only.
- Agitate during use to ensure gloss consistency.
- Maximum film build for total system should not exceed 4.0 mils dry.
- This finishing lacquer will yellow over time. With wood tone stains, this yellowing actually yields a warmer, softer appearance. Where white stains, pickled finishes or white basecoats are used, nitrocellulose coatings should not be used because of the yellowing the coatings may be considered objectionable. In these situations, Sher-Wood vinyl sealers and CAB-Acrylic are recommended because of their non-yellowing characteristics. Sher- Wood Acrylic Conversion Coating or Sher-Wood Water White Conversion Varnish may also be used if a catalyzed system is required.
- Natural wood will change color by itself and clear wood finishes will not keep this from occurring.

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## **CAUTIONS**

### FOR PROFESSIONAL USE ONLY

**Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.**

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or [www.paintdocs.com](http://www.paintdocs.com)

Please direct any questions or comments to your local Sherwin-Williams facility.

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