

PROFESSIONAL PROTECTION FOR HARDWOOD FLOORS™

# ROLLER APPLICATION

eliminate streaks, stop marks, & lap lines



## What causes these problems?

Streaking is caused by poor dispersion of silica (flattening agent) in the polyurethane finish. Stop marks are a result of the silica being deposited on the floor after lifting an applicator. Lap lines occur when the finish does not properly flow and blend into a smooth film. All of these problems are accentuated by dark floors and low windows.

## What's the answer?

Roll PoloPlaz Supreme, Primero, or Zenith to eliminate these problems. PoloPlaz is the only finish that can be successfully rolled. Rollers provide consistent film thickness that conventional applicators sometimes lack. The high level of shear induced by roller application will reduce the viscosity of the finish; thus improving its leveling characteristics. The result is a smooth film without streaks, stop marks, or lap lines.

## Choose the Proper Roller

Choose only a high quality blended (woven) roller made for solvent based products. Use 1/4" nap for oil based products and 3/8" nap for waterbornes. The Wooster Pro Doo-Z series 18" rollers are recommended for both oil and waterbased products and are available from PoloPlaz. These rollers will allow you to apply finish at approximately 500 sf/gal [3 mil wet film thickness]. The rollers can be reused several times if properly cleaned after use.

## Use Proper Rolling Technique

Roll the finish back and forth in a "W" pattern. Keep a good "wet edge" and work in a small area. Feather out any puddled areas. Rollers will induce air into the finish producing bubbles on the floor. However, the bubbles will dissipate quickly and the product will level out to a smooth film.

## Cold and Wet Conditions

If the polyurethane is cold the viscosity will increase dramatically. This can impair flow and leveling. Avoid applying cold finish. Warm the finish for at least 24 hours before applying. 70 - 80°F is ideal.

**Pay special attention** to the temperature of the floor. Uninsulated floors can be much colder than expected. This will immediately cool the finish upon application and impair both drying and flow. Always insure that the temperature of the floor is above 55° F.

## Hot and Dry Conditions

Moderately warm temperatures [75 - 80°F] will improve the flow and drying of most finishes. Excessive heat [above 85°F] will speed the evaporation of solvents during application and cause it to flow poorly. In these conditions, control the temperature and eliminate air flow during application.

**Sunlight through windows** can sometimes cause hot spots on the floor. When finishing over a hot spot, the solvents will flash off very quickly and not allow the finish to flow out properly. If a hot spot is noticed, cover the window and allow the floor to cool down to room temperature before applying finish.