

Understanding Drying Conditions When Applying Praetorian Urethanes



Conditions

- High Humidity and/or Dew Point
- Lower Temperature

Potential Results

- Good leveling
- Can double dry times
- Moderate risk of blushing

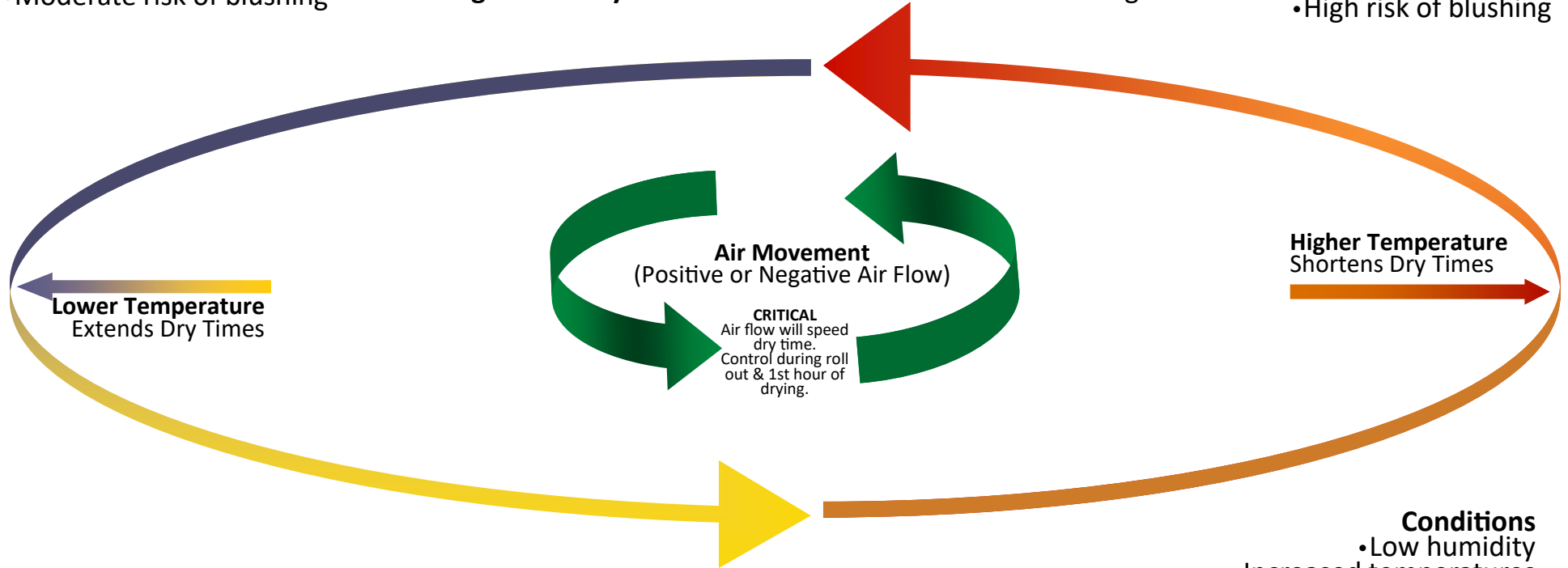
Conditions

- High temperature
- High dew points

Potential Results

- Poor leveling
- 'Nappy' appearance
- High risk of blushing

High Humidity & Dew Points—Increased risk of blushing



Lower Temperature
Extends Dry Times

Higher Temperature
Shortens Dry Times

Air Movement
(Positive or Negative Air Flow)

CRITICAL
Air flow will speed
dry time.
Control during roll
out & 1st hour of
drying.

Conditions

- Low temperature
- Low humidity

Potential Results

- Slower dry times
- Slight risk of blushing

Low Humidity & Dew Points — Increased risk of surface defects

- Conditions**
- Low humidity
 - Increased temperatures

Potential Results

- Dry too fast
- Less open time
- Poor leveling
- 'Orange peel' effect
- Haze
- Low gloss

NOTE: Optimal Conditions: Temperature—72-75°F, Relative Humidity—40-60%, Dew Point— 20-25°F to actual temp. This general diagram is presented to give ideas, guidance, and solutions. Praetorian urethanes can be applied successfully outside of optimal conditions. It is important to understand reasons for variations in dry times in conditions outside of specification results. Contact your Praetorian representative for specific recommendations for individual situations and recommendations.