

REDUCER SELECTION OVERVIEW

Premier HD is designed to perform in average conditions and in some of the most adverse conditions. All environmental drying conditions can be equally troubling and challenging:

- Humidity and/or dew points;
 - ⇒ High humidity: causes blushing and reduced gloss
 - ⇒ Low humidity: causes wrinkle or orange peel affect
- Temperatures
 - ⇒ too high: poor leveling, reduced gloss
- Air movement
 - ⇒ Too much air movement: poor leveling, lower gloss

Adverse environmental conditions can result in job rescheduling, call backs, and poor dry film appearance. The proper reducer selection in adverse situations can help in these situations to ensure a quality finish.

ECSI has developed a line of reducers that aid in problem prevention. It is necessary to be able apply, with confidence Premier HD. This reducer system will aid in this confidence and save valuable resources, time & labor.

Match the best reducer to the individual job situation. For additional recommendations, please contact your ECSI Representative. See also the 'Reducer Reference Guide' for a general quick reference tool.

STANDARD REDUCER

The 'Standard Reducer' is considered to be the "middle of the road" reducer. Use Standard Reducer in situations of 'average' drying conditions:

- Room temperature (65-74°F)
- Humidity (between 30-80% RH)
- Dew points below 65°F
- Suitable for use in 'light' air flow situations.
- This is considered to be the faster of the two reducers

SLOW REDUCER

The Slow Reducer is for use in situations of extremes, it also is extremely blush resistant. Despite it being designed for the extremes, it can also be used in average drying conditions also. Use Slow Reducer when:

- When an absolutely superior finish is required, and the extended dry time is allowed.
- High temperature (above 75°F)
- Low humidity (below 30% RH)
- Uncontrollable heavy air flow.

Keep in mind, it is acceptable to use combinations of both reducers in the Premier HD, ask your ECSI Representative for guidelines and recommendations (suggestions will vary depending upon environmental conditions).

UNDERSTANDING YOUR DRYING CONDITIONS

