

UV curing of window films offers clear benefits

Increased product consistency and durability with less floor space

Erickson International, LLC (Las Vegas, NV) is the exclusive manufacturer of American Standard Window Film (ASWF) which is distributed worldwide to installers of tinted automotive window film and films for commercial and residential windows. Existing film products in the marketplace were difficult to install because they lacked consistency and would often fade and peel within the first year.

Erickson set out to produce a higher quality window film that installers could depend on. By using a UV-curable acrylic hardcoat, Erickson's film is more scratch resistant and the bank of Heraeus Noblelight microwave-powered 10-inch, 600 W/inch UV curing systems span the line to provide consistent high-speed production.

The production line uses a single, three-head coating machine in-line with the UV curing to produce four different products on a single line, which significantly reduced floor space. Without stopping the line, Erickson can coat, cut and wrap window film products ready for shipping. This improved both product quality and production rates.



Erickson cures the scratch resistant hardcoat with a bank of Fusion VPS6/1600 lamps.

Benefits

- Improved product quality and consistency
- Increased production rates
- Reduced footprint
- Reduced waste

Technical Data

- 8, 10-inch microwave-powered UV curing systems with variable power
- 100% solids acrylic coating, clear and tinted

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