



Dual-Cure Light/Moisture-Cure Technology

- Instant light cure for maximum throughput
- Secondary moisture cure over time (normally 1-3 days) to ensure cures in shadowed areas
- Blue fluorescing grades for easy inspection of thin layers and component edges
- No second process step needed
- Tack-free immediately after cooling
- Chemically resistant

Dymax coatings formulated with dual-cure technology cure with UV/Visible light and have a secondary moisture cure feature specifically designed to ensure complete cure in coating applications where shadowed areas are a concern. Previously, areas shadowed from light were managed by selective coating - eliminating the need to cure in shadowed areas - or a secondary heat-cure process. Users needed to balance the cost of selective dispensing equipment and time/energy costs of a secondary heat cure.

With dual-cure technology, shadowed areas cure over time with moisture eliminating the need for a second process step or concerns of component life degradation due to temperature exposure. The time required to process a dual-cure coating is significantly shorter than solvent-based or heat-cured coatings, allowing for more boards to be processed on the same production line. In addition, dual-cure coatings fluoresce bright blue when exposed to UV light allowing easy inspection.



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