

- 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

Dual-Cure Light/Moisture-Cure Technology

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 dualcure coating is significantly shorter than solvent-based or heat-cured coatings, allowing for more boards to processed on the same production line. In addition, dual-cure coatings fluoresce bright blue when exposed to UV light allowing easy inspection.



.....

©2020 Dymax Corporation. All rights reserved. All trademarks in this guide, except where noted, are the property of, or used under license by, Dymax Corporation, U.S.A. Technical data provided is of a general nature and is based on laboratory test conditions. Dymax does not warrant the data contained in this bulletin. Any warranty applicable to the product, its application and use; is strictly limited to that contained in Dymax's standard Conditions of Sale. Dymax does not assume responsibility for test or performance results obtained by users. It is the user's responsibility to determine the suitability for the product application and purposes and the suitability for use in the user's intended manufacturing apparatus and methods. The user should adopt such precautions and use guidelines as may be reasonably advisable or necessary for the protection of property and persons. Nothing in this bulletin shall act as a representation that the product use or application will not infringe a patent owned by someone other than Dymax or act as a grant of license under any Dymax Corporation Patent. Dymax recommends that each user adequately test its proposed use and application before actual repetitive use, using the data contained in this bulletin as a general guide. SS007DA 2/7/2020