

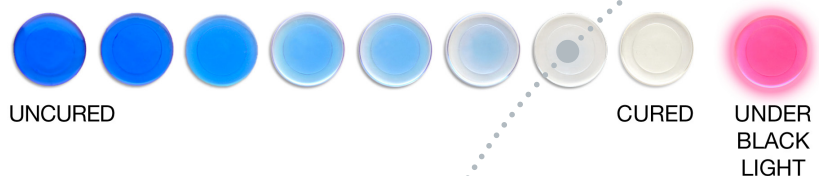
Safeguard against quality issues with easy cure confirmation and bond-line inspection

- Easy confirmation of adhesive placement, quantity, and cure
- Confirm depth of cure
- Ultra-Red® fluorescing for accurate bond-line inspection
- Easy product authentication
- Faster, deeper cures when compared to blue fluorescing materials
- No special equipment or additional space required
- LED-curable grades available

Dymax adhesives formulated with Encompass® technology incorporate Dymax exclusive See-Cure color change and Ultra-Red® fluorescing technologies into one light-curable product. As a result, manufacturers gain efficiencies from rapid on-demand curing with easy cure confirmation and post-cure bond-line inspection.

Uncured adhesives formulated with Encompass technology are blue in color, allowing easy confirmation of adhesive placement and quantity. Upon exposure to sufficient light energy, the adhesive transitions from blue to colorless, indicating that the material has cured. The color change is easily visible with the naked eye and requires no special equipment.

Post-cure, the adhesive remains clear until exposed to low-intensity UV light, then fluoresces bright red for easy bond-line inspection. This is particularly effective when bonding plastics that naturally fluoresce blue, such as PVC and PET. The Ultra-Red fluorescence does not absorb the same wavelengths as those used to cure the adhesive, resulting in faster, deeper cures when compared to blue fluorescing products.



The patented Ultra-Red® fluorescing compound is exclusive to Dymax for use in light-curable adhesives and coatings. When measured, this compound produces a unique energy peak that cannot be reproduced by other fluorescing compounds. This provides manufacturers the ability to assemble or mark their products so they can be positively identified.

