The world's first thermolatent hardener: Where speed delivers perfect appearance

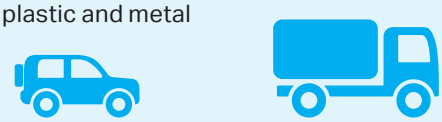
Blulogiq®

covestro

Blulogiq®: Smart for several applications
From efficiency to low temp – without compromising appearance

Applications

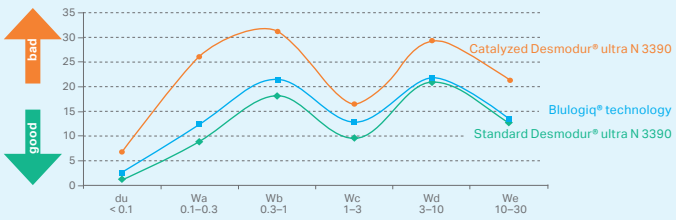
OEM plastic and metal



Clearcoat	✓	Clearcoat	✓	Pigmented topcoat	✓
Basecoat		Basecoat			
Primer/Filler		Primer/Filler			

Blulogiq® delivers a better appearance than coating with a catalyst

Wavescan appearance results
(on metal, e-coat, hydroprimer and black basecoat)



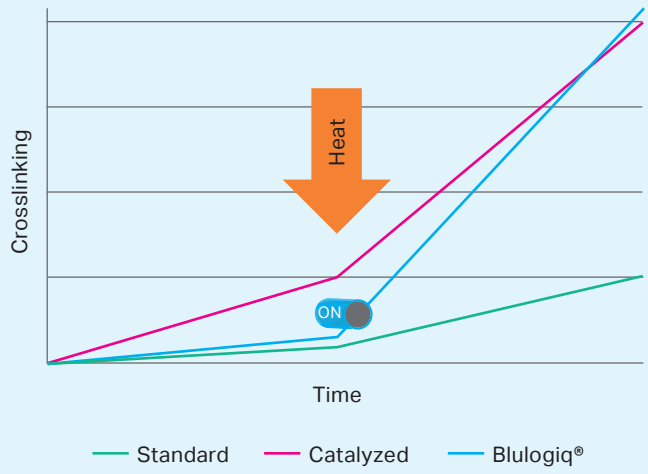
Blulogiq® technology:

The unique thermolatent hardener technology invented by Covestro adresses several needs, urgencies and unsolved problems of the coatings industry. Blulogiq® delivers the possibility to incorporate the separation of leveling as well as curing-on-demand into a 2K PU system.

Key benefits:

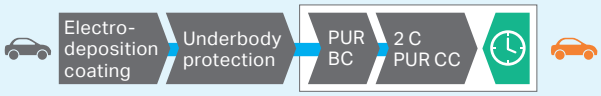
- Boosts process efficiency of OEM plastic and metal applications
- Almost no reaction during leveling – fast crosslinking at > 75°C enables very good appearance
- Crosslinking speed at 90°C is comparable to a 140°C non-catalyzed process
- Improved early resistance properties enable better post-processing, e.g., earlier and easier polishing, more robust handling, less damage during transport
- Little formulation modification required for plastic applications – just replace the hardener and conventional catalyst
- Based on the new Covestro ultra line with a residual monomer content of below 0.1%

Thermolatency combined with proven high-performance 2K PU technology

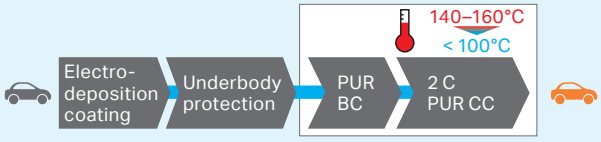


1 **Exterior plastic coatings for hang-on parts:**
Speed meets appearance

2 **OEM high-bake line coating:**
Increase efficiency & de-bottleneck



3 **OEM low-temp line coating:**
Reduce temp after EDC to < 100°C



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