

COATING ADDITIVES

Enhancing your Automotive Refinish Coatings

Part 1: Roadmap for Automotive Refinish Coatings

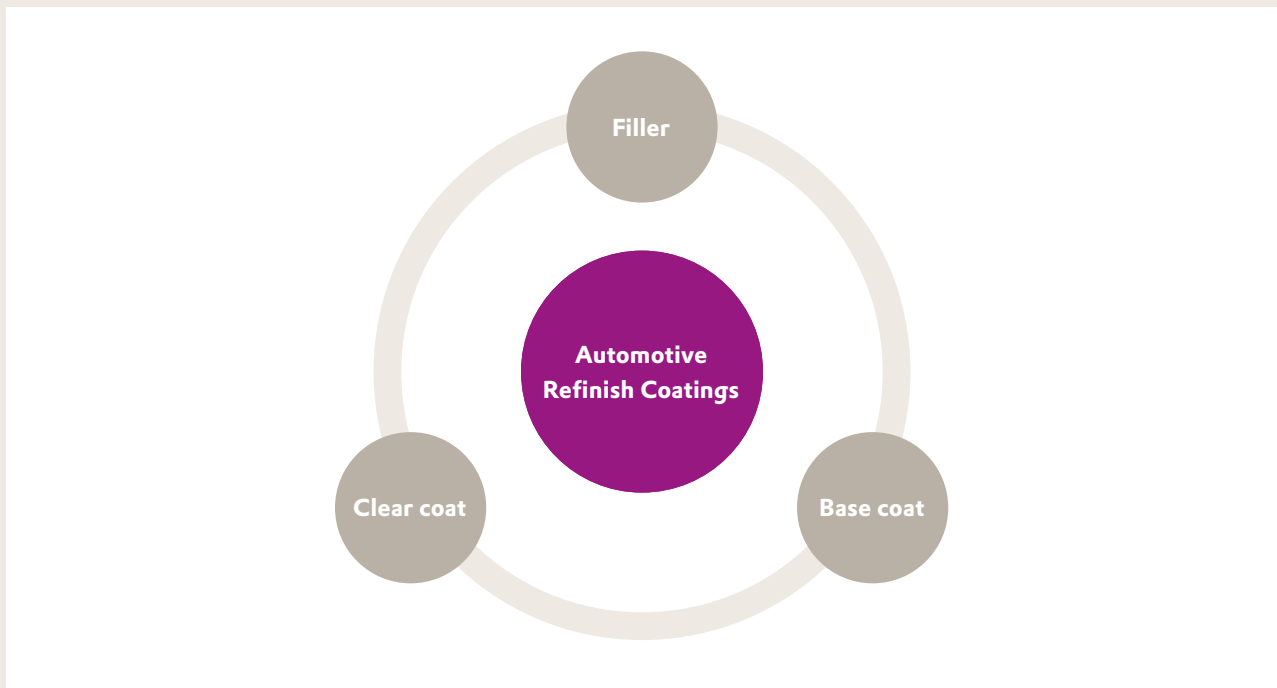


Automotive Refinish Coatings

Evonik Coating Additives offers you additives, resins, and co-binders to enhance and optimize high-performance automotive refinish coatings.

Increase performance while reducing costs and improving environmental friendliness.

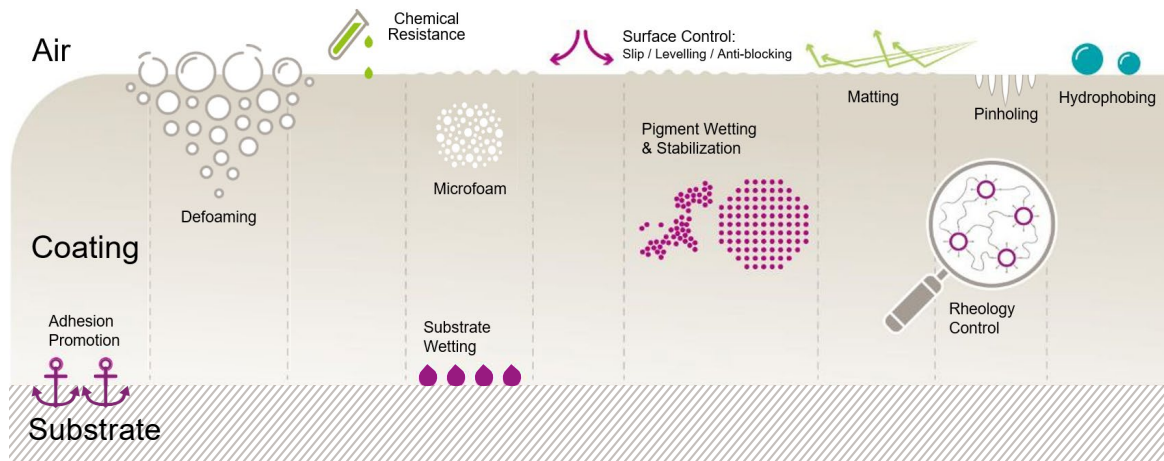
Evonik Coating Additives' products provide benefits to all layers of automotive refinish coatings.



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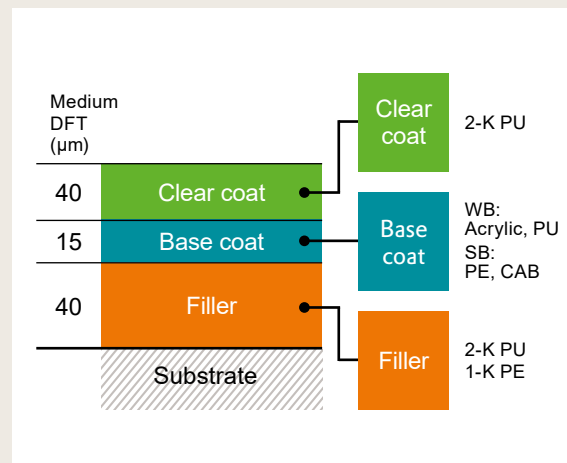
EVONIK
Leading Beyond Chemistry

VARIOUS COATING CHALLENGES FOR AUTOMOTIVE REFINISH COATINGS



Typical Composition of an Automotive Refinish Coating System

- Protection against mechanical and environmental influences
- Provides gloss and an appealing impression
- Provides the color and effects
- In Europe, mainly WB solutions applied due to regulations
- In Americas, mainly SB and high-solids with shift to WB expected
- Filling layer to even out bruises
- Normally 2K-PU, although there are 1K systems (WB/UV) on the market
- Barrier layer to the pretreated substrate
- Main function is to provide a flawless surface to be able to obtain a high gloss surface



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