

Breakthrough Stripping & Cleaning Technology for Plastics from Kolene

Kolene's Recover® stripping processes represent a new chapter in cleaning solutions. Novel chemistries and broad utility make Recover processes important tools for managing and salvaging components with reject coatings. Composed of organic fluids and inorganic additives, they deliver excellent part cleaning and coating removal performance on a broad range of organic coatings. Stripping capabilities range from electrocoat to multicoat powder to liquid basecoat / clearcoat systems.

Recover's industry-proven performance for stripping reject coatings from metallic substrates has now been extended to select non-metallic substrates such as nylon, thermoplastic olefin (TPO), and bulk molding compound (BMC).

Effective, Proven, Versatile – Recover 5000 and Recover 2000

Recover 5000, operating in the temperature range of about 250 F – 325° F / 121 - 163° C, provides fast and efficient coating removal from select resin substrates as well as an extremely broad range of metallic substrates, including aluminum, steel, magnesium, zinc, copper, galvanized, etc. Highly polished surfaces are virtually unaffected after processing, usually requiring little or no finessing or repolishing prior to recoating.

Recover 2000 alkaline cleaning process provides efficient coating removal performance at temperatures from about 100 ° F / 38 ° C to about 200 ° F / 93 ° C. Composed of organic and inorganic compounds, Recover 2000 is safe for use with many plastic substrates and ferrous metals. It should not be used, however, on caustic-reactive metals such as aluminum, zinc, etc. Or components plated with these metals, e.g. galvanized steel.

New applications to date include stripping automotive-grade coatings from nylon and TPO. Organic topcoat and metallized coatings have also been efficiently removed from molded BMC lighting fixtures while preserving the underlying specular basecoat.

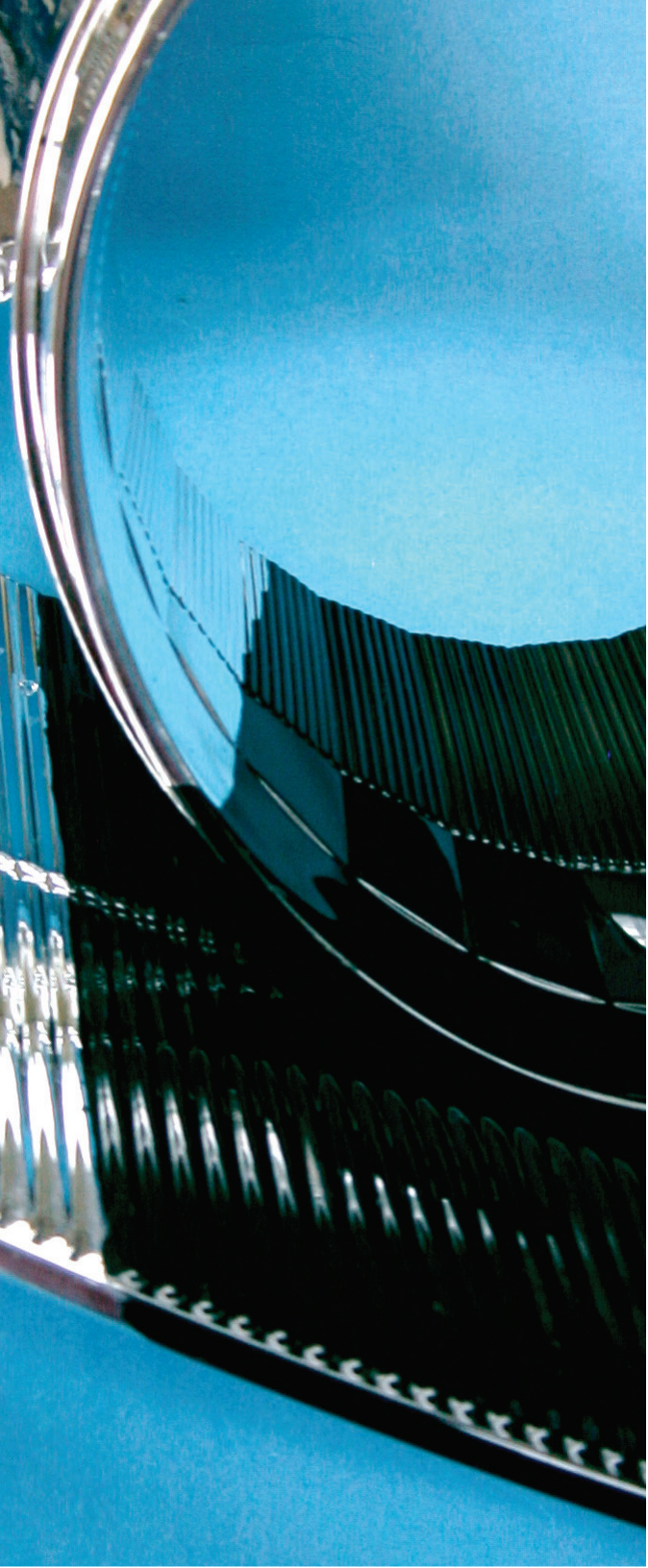
Stripped components have been recoated successfully and have passed subsequent post-paint performance tests such as:

- Initial adhesion (ASTM D3359A) - PASSED
- Humidity resistance - 240 hours with 10 minute recovery period - PASSED
- Water resistance - 240 hours with 10 minute recovery - PASSED

Renowned Turnkey Customer Service

Kolene is the only company capable of handling any size coatings removal project on a single supplier, turnkey basis. From application development through the design, manufacture, installation, testing and launch of fully integrated systems. Kolene does it all. The entire process supported by in-house metallurgical and chemical labs, staffed by our own technical team. After your Recover system is up and running, Kolene customer service is never more than a phone call away.





Kolene Corporation is an industry leader, providing material enhancement and cleaning technologies. Expert in supplying totally integrated, single-source processes, our turnkey approach includes:

- Research and Development
- Engineering
- Ongoing Technical Support
- Equipment and Service
- Process Chemicals

Contact Kolene to discover how your company can benefit from a turnkey system.

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Discover...



**For Plastics.
Strip Plastic Parts for Repaint
– Not Re grind!**

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