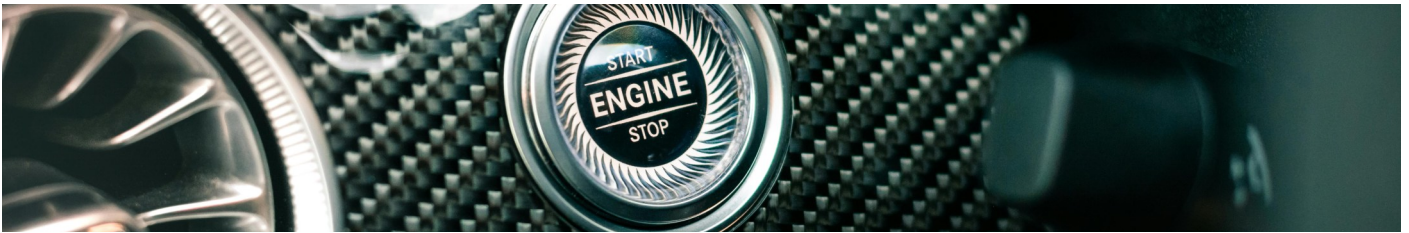




CARBONGUARD



„ONE CLEARCOAT“ A single product solution.

TECHNOLOGY

CarbonGuard is specially developed for epoxy matrix-based composite materials, including carbon fiber, polyester fiber (PA), natural fibers, glass fibers, basalt fibers.

The clearcoat is compatible with common application methods, such as the flatbed machine, robot- and manual application. The automation of the application thus offers further advantages for fast and simplified application. High layer thicknesses of 80–100 µm (dry) can be achieved in a single operation. With a VOC value of <420 g/L (spray-ready), CarbonGuard meets modern environmental, occupational health and safety requirements.

BENEFITS

A major advantage is the extremely short process time. After just 30 minutes at 80°C, the surface can be sanded and polished. This offers savings in terms of production time, plant capacity and energy costs. In addition, CarbonGuard can be recoated for up to 48 hours without intermediate sanding – another advantage for flexible production processes.

- / Process reduction
- / Sustainability
- / High durability
- / Automotive Compliance
- / Fast processing
- / Design flexibility