

Refinish tips for electric vehicles

Exceptional repair results at low temperatures is the challenge for refinishers when they carry out paint repairs on electric and hybrid vehicles. And coordinated product solutions from Spies Hecker provide the answer.

The number of registrations of electric and hybrid vehicles is growing steadily; it has more than quadrupled since 2010. However, the refinishing of these vehicles presents new challenges. "The drying process in particular is affected. The temperature limits are clearly set by the vehicle manufacturer and of course must be observed. Overall, for the exact manufacturer's recommendation on how to carry out a proper repair, refinishers must look at the vehicle's documentation," says Lucian Jantjies, National Sales Leader for Axalta in South Africa.

Integrated refinish system solutions can deliver exceptional repair results on paint damaged electric and hybrid vehicles, even at low temperatures. "The Spies Hecker Hi-TEC Performance System provides a refinish system that meets many car manufacturers' specifications. Permahyd Hi-TEC Base Coat 480 and Permasolid HS Speed Clear Coat 8800 – both part of the Hi-TEC Performance System - are particularly well-suited for use at the low temperatures required during the repair of paint damage on electric vehicles," explains Jantjies.

In addition, Permasolid HS Speed Clear Coat 8800 provides fast drying at low temperatures "When Permasolid HS Speed Clear Coat 8800 is used with Permasolid VHS Speed Hardener 3250, it can be sanded at 21°C after between 35 to 50 minutes," adds Jantjies. The air-drying option also helps save energy compared to forced drying.

The rule of thumb, however, when repairing electric vehicles is safety first. Basic procedures must be adhered to, including switch off power, ensure there is no voltage, and ensure the power can't accidentally be switched on during the repair. Jantjies concludes, "Only when the refinisher has carried out all these safety checks should the repair commence."

For more information about Spies Hecker products and services, contact your local representative or visit www.spieshecker.co.za.

About Spies Hecker

Spies Hecker, one of the global refinish coating brands from Axalta, develops optimum and practical paint system solutions that can make bodyshop work easier and more efficient. With over 135 years of success behind it, Spies Hecker's high-quality product systems, customised service and targeted training demonstrate its partnership with the refinish industry. The Cologne paint brand is one of the world's leading vehicle refinish brands, and is available in over 76 countries worldwide.

Spies Hecker – simply closer!



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