

Heat and glare control, with curb appeal

Description: **Car Dealership Showroom**
Film: **SolarZone Titan 20 Xtra, 50 Xtra**
Job Size: **~150m², multiple locations**
Contractor: **Trent Power**
Installer: **Invicta Window Films Ltd**



Project Task

The Tesla Premium Electric Vehicles dealership in Crawley, West Sussex, showcases some of the most sophisticated cars in the UK. These American designed all-electric vehicles are speedy, safe - and highly energy efficient. Their showroom should reflect eco-conscious values, but with large glass facades flooding the interior with sunlight, cooling costs were far from green. Glare was also a problem, particularly in the area where the sales team worked on-screen with clients to customize their new vehicles.

Solution

Contractor Anthony Bottoms from Trent Power realized solar control film was the natural answer to heat and glare control, and turned to local experts Invicta Window Films. Invicta understood that different aspects of the building required different solutions. The large front display panes needed an effective yet light shade that would allow the cars to be viewed from outside, so Titan 50 Xtra was installed. A complementary Titan 20 Xtra, which transmits less visible light, was applied to the side panes beside the computers for maximum glare reduction and comfortable screen viewing.

Outcome

A swift exterior installation ensured no interruption to business, and the effects of the film were felt from the first sunny day. Interior temperatures were more even, with less overheating and dazzle. Staff reported that the Titan Xtra films improved not only the functionality of the show room, but also its overall design and ambience. "It looks amazing, and really works!" commented employee Kitty Dowding-Youngman.

The overall reduced loading on the air conditioning system will show significant savings in energy consumption, and considerably increase the comfort within the showroom not only for the staff - but for their clients.



* results for 6mm clear glass

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