

Project Profile:

Bosch Alternator Plant, Cardiff



Motoring with Bosch



Project Name: Bosch Alternator Manufacturing Plant
Location: Cardiff
Client: Bosch
Product: Rhepanol fk
Size: 30,000 m²
Installer: SPV Roofing & Cladding

Speed and planning were the co-drivers of success when Bosch asked FDT to help re-roof the manufacturing plant at the heart of its world-wide alternator production.

A tight 12-week schedule and zero-level disruption were paramount at the plant, where the 1,000-strong workforce continued production round the clock throughout installation.

PIB-based Rhepanol fk, the world's most advanced roofing membrane, with a synthetic fleece backing and integrated self-sealing edge, was chosen to provide a watertight solution for the 30,000 m² roof.

The original roof was made up of concrete Durox lightweight concrete with a layer of felt, fibreboard insulation and a felt waterproofing system. Rhepanol fk was laid over the existing concrete decking and mechanically fixed using Gripfix, FDT's unique hook-and-loop fixing strip.

The work was completed within the strict 12-week time frame with no disruption to the demanding 24-hour production schedule, despite some unfriendly weather conditions.

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