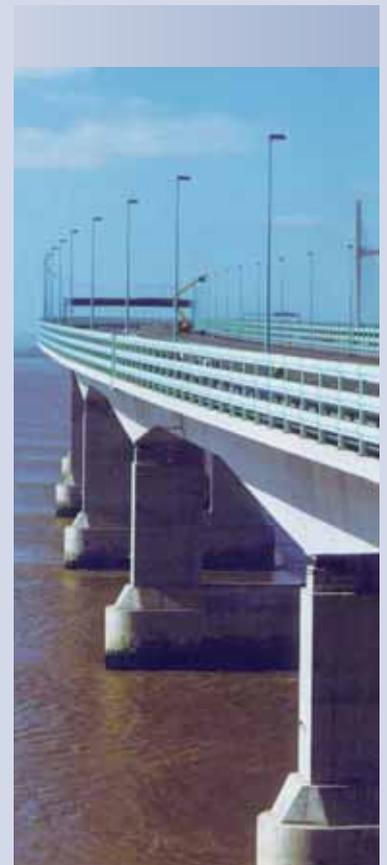




valspar case study 5

Second Severn Bridge Wales



Valspar beats the severn year itch

Syntha Pulvin powder coating from Valspar has baffled the engineers behind the Second Severn Bridge with a finish that, despite harsh marine conditions and more than a decade on, still looks as good as new.

www.synthapulvin.co.uk

Brief

When steel was ruled too heavy for the bridge's baffles – designed to protect motorists from high winds – engineers had reservations over switching to aluminium. They were convinced the demanding marine climate would cause it to corrode. Yet Valspar knew Syntha Pulvin had the durability to prove otherwise.

Solution

Applied by LBL Finishers in the mid 1990s, the 10 linear kilometres of mint green Syntha Pulvin has retained its original finish with no remedial works needed. It is a perfect demonstration of the coating's ability to deliver unrivalled protection to metal exposed to the elements.

Benefits

The £330million Second Severn Bridge spans over 5 kilometres and supplies a

Project: Second Severn Bridge

Applicator: LBL Finishers

Products: Mint Green Syntha Pulvin Powder Coating

crucial arterial route between England and Wales. Any major works would cause major disruption, especially if driver safety was at stake. The decision to place faith in Syntha Pulvin, therefore, was an important one, which certainly paid off.

There are more than 100 colours available in the Syntha Pulvin Matt and Metallic ranges, and all are manufactured under carefully controlled conditions before being supplied only through approved applicators.

They are 100% recyclable and can be applied to aluminium and galvanised steel

window frames, cladding panels, curtain walling, roofing and most architectural metalwork, including bridges.

All products are fully weather resistant, prevent UV fade and offer thermal shock resistance. Syntha Pulvin Matt's durability has even been tested successfully for five years in the hot climate of Florida – equivalent to more than 30 years in Northern Europe.

The full range complies with BS6496, BS6497 and BS EN 12206-1, is BBA Certified and conforms to Qualicoat Class 1 and GSB standards.



valspar®

Valspar Powder Coatings Ltd

95 Aston Church Road, Birmingham, B7 5RQ

Tel: +44 (0)121 322 6900 Fax: +44 (0)121 322 6902

www.synthapulvin.co.uk