



WestWood®
Qualität + Erfahrung

Reference Report

Road Surface Repairs



Project: A2/48 Motorway in Switzerland, north-bound carriageway near Erstfeld, 146 km / 91 miles from Basel

Substrate: Asphalt and Concrete Road Surfaces

Date: April 2013

System installed: Wecryl 420 Rolled Surfacing

Planning & construction: CTW-Strassenbaustoffe AG
Bizenenstrasse 50 4132 Muttenz
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A2/48 motorway in Switzerland, north-bound carriageway near Erstfeld, 146 km / 91 miles from Basel

High-Quality Repairs to Asphalt and Concrete Road Surfaces

In the past damage, associated with surface disintegration (fretting) including ruts and potholes, were normally repaired with bitumen-based products or bitumen emulsions. Since it was impossible to determine when these products developed their final strength, the repaired sections of the road had to be closed off for extended periods. Furthermore, the life of such bitumen-based patching is limited on account of changing weather conditions and high volumes of traffic.

WestWood has developed several rapid and economical solutions for reinstating road surfaces, and has already completed many such projects and case studies in recent years.

These weather-impervious and highly reactive PMMA products were specifically designed for the rapid repair and reinstatement of damaged motorway surfaces, even in problematic weather conditions. After approx. 15 minutes the surface is rain-proof and can be reopened to traffic after just 1 hour.

The user-friendly resin is ready for use and simply needs to be stirred on site. A further advantage is that the system can be applied even in conditions of high humidity and at temperatures as low as -5 °C and up to a maximum of +35 °C.



1. Superficial damage to the MR8 pavement. The damage is 5 to 30 mm deep



2. The damaged sections are cleaned and then filled with Wecryl 242 Mortar or Wecryl 420 Rolled Surfacing



3. The patches are marked and then concrete masking tape is applied to the edges



4. Wecryl 420 Rolled Surfacing is applied with a trowel and roller, incl. surface dressing



5. Wecryl 420 Rolled Surfacing is dressed with a hard topping, grain size 0.6 to 0.9 mm, and the motorway pavement is fully reinstated



6. The patches can be walked on after just 45 minutes and the road is soon ready to be reopened to traffic

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