



2014 Winter Olympics legacy protected by Hempel

Hempel was chosen as one of the trusted suppliers, providing tailor made coating solutions for key elements of the Sochi Winter Olympics project, including the Olympic bobsleigh run and the Adler train station. Our high performance systems have been used to protect infrastructure from steel to concrete. Due to time pressures, large amounts of coatings had to be supplied within a short space of time. In addition, the scale of the project meant many contractors were involved, and we worked with the different contractors to ensure application was as fast and efficient as possible

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2014 Winter Olympics

At a glance		
Coating system	Krasnaya Poliana Railway Station Hempadur Fast-Dry 15560 Hempadur Mastic 45880	Olympic bobsleigh run Hempadur Mastic 45880 Hempthane Topcoat 55210
Total litres	Over 1 million	

The challenge

The climate in Sochi features rapid temperature changes and is challenging for coatings projects, especially in winter when humidity can reach 85 per cent. The scale of the project means conditions vary greatly, from the saltwater marine environments by the Black Sea to the Caucasus Mountains, where freezing temperatures lead to significant condensation on metal surfaces.

Overall, the project was classified as C4, but each element of the project required its own specifically designed coating system that could ensure a robust and attractive finish that would help maintain the Olympic legacy for years to come.

The solution

We established the most appropriate system for each construction, from steel and concrete bridges to infrastructure facilities and even the Olympic bobsleigh run. For the tunnel linings of the Kurortny Avenue Relief Road, for example, we provided a system based on our Contex coating that provides long-term protection as a result of its anti-carbonation properties.

Due to time pressures, large amounts of coatings had to be supplied within a short space of time, and our technical service teams worked closely with applicators across the region to ensure application was as fast and efficient as possible.



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