



SSWI ahead of schedule with Hempadur Multi-Strength 35840

Staal Straal Weelde International (SSWI) is a market leader in steel coating and protection. It was contracted by Arcelor Mittal Belgium to apply coatings to steel crane tracks for the Sembcorp Marine Tuas Boulevard Yard in Singapore. The project had a tight completion schedule and SSWI needed a fast-drying and easy-to-apply coating that would provide reliable protection in C5 corrosive environments.

Our solution was Hempadur Multi-Strength 35840, a glass-flake reinforced coating that can be applied in thicknesses up to 600 microns and has a maximum dry-to-handle time of 12 hours at 20°C. Working with Hempadur Multi-Strength 35840, the applicators were able to coat the steel sections quickly enough to finish ahead of schedule – to the great satisfaction of SSWI's customer.

“We’ve worked with Hempel for over two decades and trust their coatings and advice. Hempadur Multi-Strength 35840 was extremely easy to apply and gave an excellent finish, even in high film thicknesses. And, thanks to its fast-drying properties, it helped us not only keep to the project schedule; but beat it.”

Hans van Elten, Staal Straal Weelde International

SSWI ahead of schedule with fast-drying Hempadur Multi-Strength 35840

The challenge

With large and modern production halls and highly-qualified coating teams, Staal Straal Weelde International (SSWI) is a leader in industrial surface coating and protection, with particular experience in the construction, infrastructure and offshore sectors. When SSWI was contracted by Arcelor Mittal Belgium to apply coatings to steel crane tracks for the Sembcorp Marine Tuas Boulevard Yard in Singapore, it faced a specific challenge: the time schedule for the project was very tight.

In order to finish in time, SSWI needed to clear the spray hall at the end of each day so it was ready for new work each morning, as this would enable its application teams to spray the maximum number of steel sections in each shift. As a result, SSWI required a proven C5 anticorrosive coating system with a short dry-to-handle time. We have worked with SSWI two decades, and SSWI asked us to help them overcome this challenge.

The solution

We specified a one-coat system using Hempadur Multi-Strength 35840, a glass-flake reinforced coating with excellent abrasion and impact resistance that offers reliable long-term protection for steel in C5 corrosive environments.

SSWI were very pleased with the application properties and finished quality of the coating. It can be applied quickly with standard airless spray equipment in thicknesses up to 600 microns, and has a maximum dry-to-handle time of 12 hours at 20°C. This enabled SSWI to spray and shift the steel sections in one day, so the spray hall was clean and ready for new application work the following morning. As a result, SSWI finished the project ahead of schedule, to the satisfaction of its client.



| At a glance | |
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| Customer | Staal Straal Weelde International |
| About the customer | Based in Belgium, Staal Straal Weelde International is a leader in industrial surface coating and protection, with particular experience in the construction, infrastructure and offshore sectors. |
| Solution | Hempadur Multi-Strength 35840 |

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