



Fast-drying system ensures high productivity for Staalstraal Brabant

When Staalstraal Brabant BV was asked to coat over 6,000 m² of piping and spools for the Koole storage terminal in the Netherlands, it knew speed was essential. The project was running on a tight deadline and Staalstraal Brabant was looking for a fast-drying coating system to help ensure high productivity. In addition, the system had to be tough enough to withstand the harsh service conditions of a storage facility that handles a variety of oil and petroleum-based products.

We had the ideal solution – a fast-drying three-coat system designed specifically for long durability in the most demanding corrosive environments. Consisting of Avantguard 750, Hempaprime Multi 500 and Hempthane Speed-dry Topcoat 250, the system dries fast and delivers longer maintenance intervals than conventional zinc, epoxy and polyurethane systems.

With assistance from our Service team, Staalstraal Brabant coated the pipework and spools in accordance with a tough schedule, ensuring the entire project could be completed within the short timeframe.

“The reason we have chosen the system from Hempel is its commercial attractiveness. The coating system performs well, dries fast and is easy to apply. It gives a good appearance and nice gloss. It meets all our expectations...”

Ger Brenters, Site Manager, Staalstraal Brabant BV

Premium protection and greater productivity for pipework and spools

An independent storage and transport company, Koole has terminals in the Netherlands, the UK and Poland. When the company began constructing six new cone-roof storage tanks at its facilities in Rotterdam, Verwater Tankbouw, the supplier of piping, asked Staalstraal Brabant to coat the pipework and spools. A specialist in corrosion prevention, Staalstraal Brabant has a large automated workshop for abrasive blasting and coating application, and long experience of applying our epoxy primers and zinc silicates.

At a glance

End customer	Koole, an independent storage and transport company with terminals in the Netherlands, the UK and Poland
Applicator	Staalstraal Brabant BV, part of Brabant Groep and the leading provider of automated abrasive blasting and steel protection in the Benelux region
Project	Piping and spools at Koole's storage and handling terminal in Rotterdam, the Netherlands
Coating system	Primer: Avantguard 750 (60 µm) Mid-coat: Hempaprime Multi 500 (160 µm) Topcoat: Hemplathane Speed-dry Topcoat 250 (60 µm)

The challenge

With the schedule tight, Staalstraal Brabant required a fast-drying coating system that would enable high productivity on its automated application line. The system had to be easy to apply with airless spraying equipment and robust enough to withstand the demanding corrosive end-use environment.

The solution

Staalstraal Brabant has been using Hempel's shop primers on a daily basis for decades and trusts our systems to deliver both application productivity and long-term performance.

We supplied a fast-drying three-coat system designed specifically for piping and other intricate steelwork in harsh environments. For a primer, the system uses our advanced Avantguard 750, the fastest-drying zinc epoxy on market. The mid-coat is the high-build and crack-resistant Hempaprime Multi 500. The system is finished with Hemplathane Speed-dry Topcoat 250, a high-performance polyurethane that dries quickly to form an exceptionally hard surface.



Combined, the three-coat system dries fast, ensuring high productivity and no bottlenecks during application. Importantly, it also delivers powerful anticorrosion protection, which will ensure reliable long-term durability at the Koole terminal.

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