



Speed-Dry Alkyd meets needs of tight construction schedule

When constructing a new factory for a leading German automotive manufacturer, our customer needed a coating system that not only delivers excellent corrosion protection, but can also be applied extremely quickly. The answer was Hempel's Speed-Dry Alkyd.

With the capacity to produce 150,000 vehicles annually, the new automotive factory in Kaluga, Russia, is the largest enterprise in the region. Steel for the building was produced and coated by six different manufacturers and the production schedule was extremely tight. To meet these tough conditions, we provided a coating system based on Speed-Dry Alkyd, a coating specified for C2 corrosive environments that dries in less than two hours. In addition, our Technical Service teams worked closely with each steel manufacturer to ensure accurate and efficient application.

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At a glance

Coating system	Speed-Dry Alkyd 4314 (primer) Speed-Dry Alkyd 4314 (topcoat)
Total litres	50,000

The challenge

The steelwork for the automotive manufacturer's new car factory in Kaluga, Russia, was produced and coated by six different manufacturers in a very short period of time. In order to ensure the coating system was applied quickly and correctly in each location, it had to be both fast drying and very easy to apply – and each steel manufacturer needed full on-site support during application.

The solution

After close consultation with the customer, we specified a two-layer coating system based on Speed-Dry Alkyd, a fast-drying primer/finishing coat that meets the technical and commercial requirements of the project perfectly. Specified for C2 corrosive environments, Speed-Dry Alkyd is easy to apply and dries in less than two hours, making it ideal for high-speed manufacturing. In addition, our Technical Service team worked on-site with each steel manufacturer, as well as on the final construction site, to ensure the coating was applied quickly, efficiently and correctly.



The Hempel Group Head Office

Hempel A/S, Lundtoftegaardsvej 91, 2800 Kgs. Lyngby, Denmark

Tel: +45 4593 3800 Email: protective@hempel.com

protective.hempel.com