



Hempaline Defend 630 tank lining goes on smoothly for Verwater

When Netherlands-based Verwater was contracted by a downstream customer to install a new bottom on a storage tank in Denmark, it knew it needed a coatings supplier who could provide both a high-quality coating solution and full application support. Hempel was the obvious choice.

We recommended a three-coat system, including a stripe-coat, based on Hempaline Defend 630, an epoxy novolac lining designed specifically for the aggressive environments found in the power generation and oil & gas industries. Before application, our technical service team assisted Verwater with solution and application testing, and we were onsite during application to ensure a perfect finish. Thanks to this cooperation, the application was completed quickly – with excellent results.

“The paint supplier is a vital part of a successful tank lining application. Not just in terms of the paint itself, but also the support behind it. We got the full support of the Hempel organisation, with the right product selection, product testing, quality control onsite, just-in-time delivery and equipment support and advice. I can truly say that all this created a fantastic project result.”

Arjan Dolk, Manager, Verwater Protective Coatings

Comprehensive service ensures perfect tank lining application



The challenge

Verwater has long experience in tank construction and maintenance, and the Netherlands-based company was contracted to install a new bottom on a tank for a downstream customer in Denmark. Verwater was responsible for all work, including jacking-up the tank and replacing the tank bottom. When it came to applying the lining, Verwater wanted the support of an experienced coatings supplier who could provide a high-quality coating and full technical support.

The solution

Our teams in the Netherlands and Denmark worked closely with Verwater throughout the entire project to ensure a high-quality result. After analysing the project requirements, our technical service team recommended a three-coat system, including a stripe-coat, based on Hempaline Defend 630. A high-performance epoxy novolac lining, Hempaline Defend 630 maximises tank uptime by protecting against extreme pH swings, high temperatures, abrasion and a wide range of chemicals and solvents-making it an ideal solution for the tank.

In total, the 55-metre diameter tank required 2,800 litres of coatings. Before application, our technical service team worked with Verwater to test the product and application techniques. During application itself, we were onsite throughout to ensure quality.

Thanks to the excellent cooperation between our service team and Verwater, the application was completed quickly – with excellent results. In total, the full application process, including mobilisation, demobilisation, transport and unexpected delays due to non-coating issues, was completed in six weeks. Verwater completed a pull-off test with results of up to 20 MPa, and the final coating has an eye-catching glossy appearance that will last for many years.



At a glance

Contractor	Verwater
Solution	Hempaline Defend 630

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