

Press release

Hempel launches Hempaline Defend 430: a solvent-free tank lining boosting efficiency in the energy sector

Combining rapid curing, single-coat efficiency and long-term durability, Hempaline Defend 430 delivers measurable performance benefits for energy storage tanks.

Key messages:

- **Reduced downtime and energy use:** Hempaline Defend 430 enables rapid return to service with single-coat application.
- **Improved application safety:** Its solvent-free formulation minimises VOCs and occupational hazards.
- **Lower lifecycle costs:** Extended inspection intervals help operators maximise efficiency and reliability.

Copenhagen, 9 October 2025: Hempel A/S now launches the latest addition to the Hempaline Defend family; Hempaline Defend 430, a next-generation tank lining created to help energy operators boost efficiency, minimise downtime and extend maintenance intervals. The solvent-free epoxy phenolic lining streamlines application, lowers energy use during installation and supports more sustainable operations by reducing VOC emissions and workplace hazards.

By combining single-coat efficiency with rapid curing and long-term durability, Hempaline Defend 430 enables asset owners to keep tanks in service longer while lowering lifecycle costs.

“After a trial application with a major tank builder, we received clear feedback that the shorter inspection time, compared to their existing lining, will significantly improve output in their workshop,” **Matthew Fletcher, Segment Development Manager, Linings at Hempel A/S** explains.

Matthew adds that: “With Hempaline Defend 430, asset owners benefit from a solvent-free lining that can be applied in a single coat, returned to service quickly and approved even for the most sensitive cargos. And with a temperature resistance up to 90°C and strong hydrocarbon resistance, Defend 430 truly offers a versatile one-product solution for storage tanks.”

Key technical highlights:

- Solvent-free epoxy phenolic lining for energy storage tanks
- Single-coat application at 400 µm (16 mils)
- Rapid return to service: 3 days at 20°C
- Withstands crude oil up to 93°C (200°F)
- Approved for potable water (WRAS) and jet fuel (EI1541)
- Inspection interval extension up to 5 years (API 652 & 653 compliant with optional glass fibre mat reinforcement)
- Compatible with Hempaline Prepare 130 primer for immersion up to 90°C

About Hempaline Defend

Hempaline Defend is a range of high-performance lining solutions engineered for the demanding conditions of the energy and process industries. Designed to withstand corrosion, high temperatures, abrasion and exposure to a wide spectrum of chemicals and solvents, these linings provide reliable long-term protection. By reducing maintenance needs and extending service life, Hempaline Defend helps operators maximise uptime and lower total lifecycle costs.

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About Hempel

As a world-leading supplier of trusted coating solutions, Hempel is a global company with strong values, working with customers in the decorative, marine, infrastructure and energy industries. Hempel factories, R&D centres and stock points are established in every region.

Across the globe, Hempel's paints and coatings can be found in almost every country of the world. They protect and beautify buildings, infrastructure and other assets, and play an essential role in our customers' businesses. They help minimise maintenance costs, improve aesthetics and increase energy efficiency.

At Hempel, our purpose is to shape a brighter future with sustainable coating solutions. We firmly believe that we will succeed as a business only if we place sustainability at our heart. Not only is it the right thing to do, it will strengthen our competitive position, make ourselves more resilient and reduce our risk.

Hempel was founded in Copenhagen, Denmark in 1915. It is majority owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world.

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