

How changing markets affect your chemical processing facility business

Market conditions are continually changing in the chemical processing industry: you stay alive by keeping ahead of the latest trends and adapting your business to suit them.

As part of this, the storage tanks at your facility must be flexible enough to cope with the holding a wide range of feedstocks and chemicals to allow you facility to maximise on profitability. The only thing that remains constant is the need to maintain the quality of the stored products/chemicals.

Because none of us can predict with certainty what we will have to store in the years ahead, investing now in future-proofing your tanks by ensuring they can handle a range of products/chemicals can deliver significant benefits down the line.

Future-proofing the insides of your tanks with a coating which has a wide chemical resistance is a relatively low-cost investment when compared to other aspects of tank lining work such as scaffolding, blasting, ventilation or dehumidification. It can make commercial sense to upgrade the capabilities of the coating at relatively little cost to ensure peace of mind and confidence in your asset's ability to meet future performance challenges from unspecified materials.

Different processes and products require varying temperatures. A chemical will typically be stored at a given temperature, so the tank must be able to handle the storage of a variety of chemicals at the temperatures required.

Taking action now to protect your tank will help ensure product quality is maintained in the most efficient and profitable manner and can avoid fears over lining

suitability. A versatile product such as Jotun's Tankguard Plus, a two-component novolac epoxy tank coating with excellent chemical resistance, is an effective solution for delivering performance across a range of storage temperatures.

Time is money and returning your tank to service as soon as possible is critical. In these situations, a high quality solvent-free novolac epoxy tank coating such as Jotun's Tankguard SF can be an ideal solution, as wet-on-wet application can save you significant time when coating your tank. This gives you the safety and security of a two-coat tank lining system with the same cure for service time as a one-coat system. The result is a quick return to service with a quality finish at a reasonable cost.

Tankguard SF has excellent resistance to a wide range of chemicals, including crude oil up to 140°C, petroleum products, and various inorganic acids. Its versatile film thickness means it can be easily applied in two-coat systems. Additionally, if only crude oil and clean petroleum products are being stored, the coating is cured for service in 48 hours at temperatures of 23°C and higher.

Knowing which tank lining to choose can be difficult. But Jotun provides advice on which tank linings are the best for which chemicals at which temperatures and concentrations. And the company's experts are ready to answer a range of questions on back into service time, application complexity and performance to ensure the system you choose suits the needs of your facility.

For more information on Jotun's range of tank coatings visit <https://www.jotun.com/tankfast>

