

Client: <i>Food Processing Company</i>	Industry: <i>Food & Beverage</i>
Scope: <i>Food Safe Tank Lining</i>	Date: <i>September 2019</i>
Location: <i>UK</i>	Product: <i>RA 500M</i>

Overview

The client required to expand the amount of rapeseed oil that they could store on site. Their primary storage vessel was a stainless steel tank, but in addition to this they had a mild steel tank which they wished to repurpose.

This project was carried out by Corroless Eastern.

Challenge

The chosen coating solution had to have FDA approval for direct food contact, provide sufficient abrasion and chemical resistance, and ensure long-term performance.

Solution

The tank internals were thoroughly cleaned and degreased, before being grit blasted to Sa 2½ to achieve the desired surface profile.

One stripe coat and two full coats of **solvent-free, wet tolerant Epo-chem™ RA 500M** were then applied.

Outcome

The **solvent-free** Chemco system allowed the project to be completed safely and quickly, with the tank fully refurbished and repurposed for the storage of food.

Benefits

- **Solvent-free**
- **Wet tolerant**
- Glassflake-reinforced for added protection
- FDA Approved system for food contact
- Exceptional abrasion resistance
- Can be applied with no nearby operational shutdown
- Quick back-in-service times
- No recoating limitations
- Reduced Health & Safety Risk and Fire Hazard

Continued overleaf

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Photographs:

- No. 1 Before Application
- No. 2 After Stripe Coating

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Photographs:

- Nos. 3-4 During Application
- No. 5 Completed Application

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