

CORROCOAT CASPIAN

CASE STUDY

<u>Customer:</u>	Altynalmas
<u>Equipment:</u>	6 sorption tanks
<u>Location:</u>	Aktogai (Pustynnoe) goldmine, Karaganda region, Kazakhstan
<u>Dates:</u>	February – March 2020
<u>Environment:</u>	chemically aggressive (pulp, alkali, ph - 11)
<u>Problem:</u>	chemical corrosion with a lot of corrosion pits on the walls and bottom of the tanks, erosion in the feed channels, pipes and pacifiers
<u>Solution:</u>	Lamination of the pacifiers (with fiberglass and laminating resin); First coat – Polyglass VEF vinyl-ester glassflake coating at 750 microns; Second coat – abrasion resistant vinyl-ester glassflake coating Polyglass VEF WR (wear-resistant) at 750 microns.

Sorption tanks before repair:



Quality control of blasted surface:



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Coated and repaired tanks:



Final quality control inspection:

