

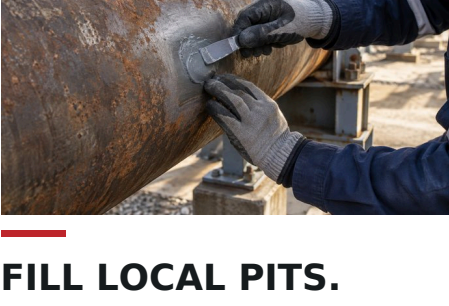
RUST BITES PIPELINES

RESTORED. PROTECTED.

CORROSION → COSTLY LEAKS → SHUTDOWNS → ACCIDENTS

CORROSION EATS THE PIPE WALL.
REPAINTING OVER RUST IN PITS HIDES THE NEXT FAILURE.

REPAIR. CONVERT. PROTECT.



FILL LOCAL PITS. RESTORE THE PROFILE.

Z801 FASTSTEEL
Fast-setting, steel-filled repair for approved local pits.



CONVERT RUST. BOND THE TOPCOAT.

Z704 RUSTEX-NMB
Converts residual rust. Treats salt and acid traces.



COAT THE PIPE. SHIELD THE STEEL.

SELECTED TOPCOAT
External protection from moisture, salt, acid exposure and dirt.

01 WHY Z704 IS FIRST IN THE WORLD

TRIARMOR TECHNOLOGY

WORLD'S FIRST MULTI-CHEMISTRY, NANO-MOLECULAR ADHESION RUST CONVERTER

CONVERTS DEEP RUST

Complementary reactions reach residual rust deep inside prepared pits.

TREATS RESIDUAL TRACES

After washing, treats rust beneath residual salt and acid traces; seals the interface.

BUILDS COVALENT BOND

Nano-molecular coupling bonds converted steel to the selected topcoat.

≈ 2x

GRIP

≈ 2x

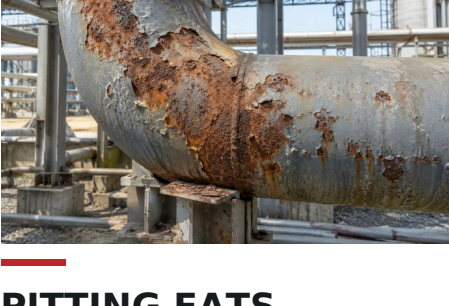
SYSTEM LIFE

500+

HOURS SALT SPRAY WITH EPOXY

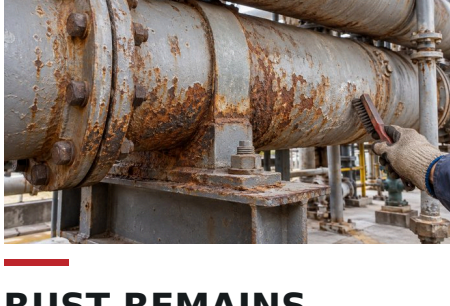
BLUE-BLACK = CONVERTED | ORANGE = RECOAT

02 WHY REPAINTING FAILS



PITTING EATS THE PIPE WALL.

Pits trap rust, moisture, salt and acid residues. Paint can hide continuing corrosion.



RUST REMAINS WHERE TOOLS CANNOT REACH.

Between pipes. Beneath clamps. Around supports.



PAINT PEELS. RUST GROWS BELOW.

Paint on weak rust peels and blisters.

Z801 | RESTORE LOST PROFILE

Z704 | CONVERT WHAT REMAINS

Z704 | BUILD THE TOPCOAT BOND

75% OF COATING FAILURES START WITH POOR PREPARATION.

ONE COMPLETE PIPELINE SYSTEM

MEASURE → CLEAN → RESTORE → CONVERT → PROTECT

03 WHERE CORROSION COSTS

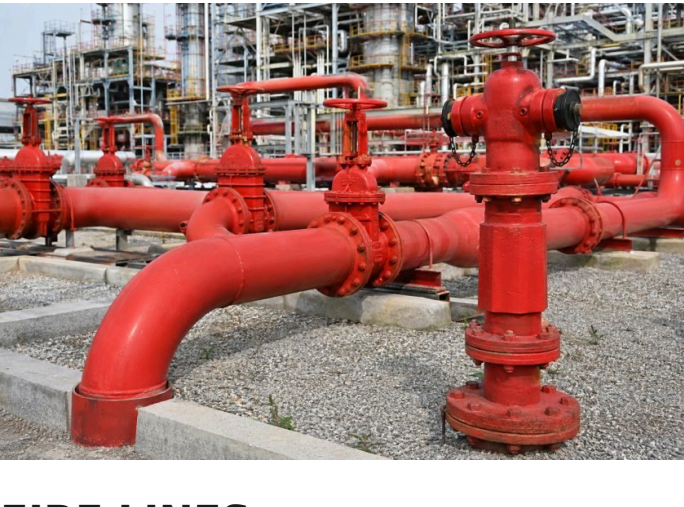
COOLING-TOWER LINES



WET SUPPORTS. RUST RETURNS.

Flanges. Low points. Repainting again.

FIRE-HYDRANT LINES



FIRE LINES MUST WORK.

Corrosion threatens emergency water supply.

ACID EXPOSURE | PICKLING PLANTS



ACID FUMES + SPLASHES. PIPE EXTERIORS CORRODE.

Acid residues stay active inside pits.

SALT EXPOSURE | COASTAL SITES



SALT-LADEN AIR. PIPE EXTERIORS CORRODE.

Salt residues stay active inside pits.

MECHANICAL SURFACE PREPARATION NOT PERMITTED



NO BLASTING. NO GRINDING. NO HOT WORK.

Where site rules prohibit these methods, residual rust still needs treatment.

ELEVATED PIPE RACKS



DIFFICULT ACCESS. REPAINTING MEANS SCAFFOLDING AGAIN.

Rust on overhead pipes, joints and supports is difficult to reach.

04 MATCH EXTERNAL EXPOSURE

EXPOSURE	STANVAC SYSTEM	CUSTOMER RESULT
DRY / DUSTY	2050 POLYHYB SHP	Fast-drying, one-component, direct-to-metal protection.
WET	1040 TST & NMB + 727 SHP	Surface-tolerant epoxy base + polyurethane finish.
ACID FUMES / SPLASHES / COASTAL SALT	1040 TST & NMB + 718 EGF + 727 SHP	Glass-flake external barrier + polyurethane finish.

ENGINEERING CHECK

Z801: Assess wall thickness and fitness first. Approved local pits only.

Z704: Remove loose scale, oil and contamination; wash salts first. Maximum **70°C**.

Confirm topcoat compatibility, layer order, film build and cure before application.

DON'T OVERPAINT RUST. REPAIR. CONVERT. PROTECT.

ASK STANVAC TO SPECIFY YOUR SYSTEM

SHARE PIPE SERVICE | OPERATING TEMPERATURE | AREA

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