

RUSTED 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 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

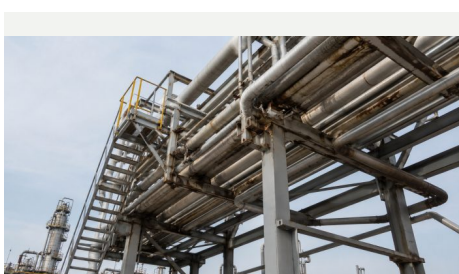
BLUE-BLACK = CONVERTED | ORANGE = RECOAT

02 WHY REPAINTING FAILS



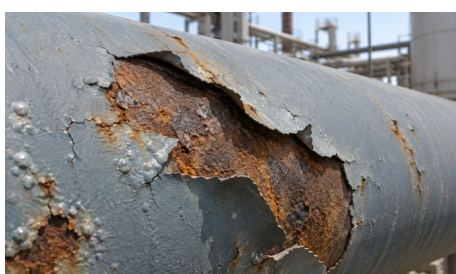
**PITTING EATS
THE PIPE WALL.**

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



**HARD TO PREPARE.
RUST LEFT BEHIND.**

Live lines, spark restrictions and height leave residual rust.



**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.**

Refinery example: site rules prohibit these methods. Residual rust still needs treatment.

ELEVATED PIPE RACKS: difficult access. Repeat repainting means scaffolding again.

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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