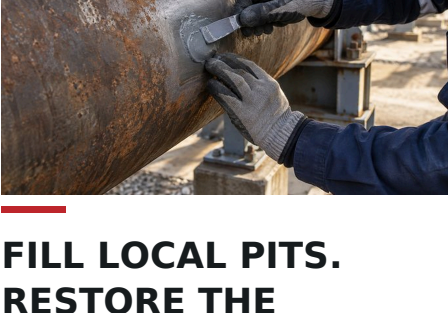


RUST BITES PIPELINES

Solving the problem of
**CORROSION-CAUSED PIPELINE LEAKAGES
SHUTDOWNS • ACCIDENTS**

REPAINTING OVER RUST IN PITS HIDES THE NEXT FAILURE.

REPAIR. CONVERT. PROTECT.



**FILL LOCAL PITS.
RESTORE THE
PROFILE.**

Z801 FASTSTEEL

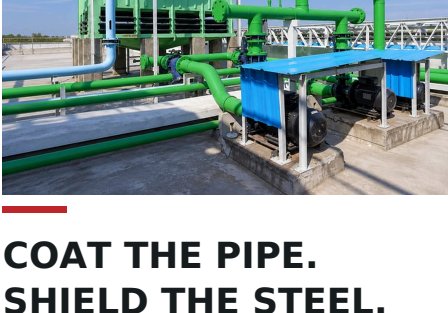
Fast-setting, steel-filled repair for approved local pits.



**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

Converts residual rust inside prepared pits.

TREATS RESIDUAL TRACES

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

BUILDS COVALENT BOND

Bonds converted steel to the protective 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.**

Rust, moisture, salt and acid remain trapped in pits.



**RUST REMAINS
WHERE TOOLS
CANNOT REACH.**

Between pipes. Under clamps. Around supports.



**PAINT PEELS.
RUST GROWS
BELOW.**

Weak rust causes poor adhesion and blistering.

**Z801 | RESTORE LOST
PROFILE**

**Z704 | CONVERT WHAT
REMAINS**

**Z704 | BUILD THE
TOPCOAT BOND**

REPAINTING COSTS MORE THAN PAINT.

LABOUR + SCAFFOLDING + REPEAT PREPARATION

ONE COMPLETE PIPELINE SYSTEM

REPAIR

Z801 FASTSTEEL

+

CONVERT

TRIARMOR Z704

+

PROTECT

STANVAC TOPCOATS

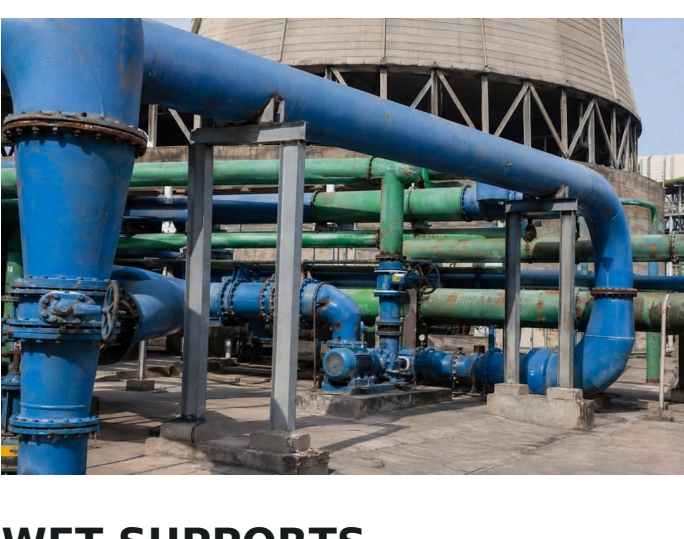
THIS COMBINATION:

EXCLUSIVE TO STANVAC IN INDIA.

MEASURE → CLEAN → RESTORE → CONVERT → PROTECT

03 WHERE CORROSION COSTS

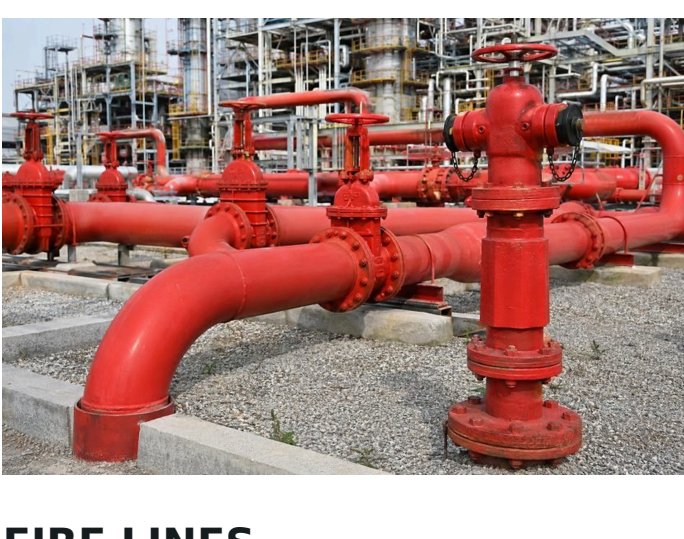
COOLING-TOWER LINES



**WET SUPPORTS.
RUST RETURNS.**

Flanges. Low points. Repainting costs.

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 in pits.

SALT EXPOSURE | COASTAL SITES



**SALT-LADEN AIR.
PIPE EXTERIORS CORRODE.**

Salt in pits sustains corrosion.

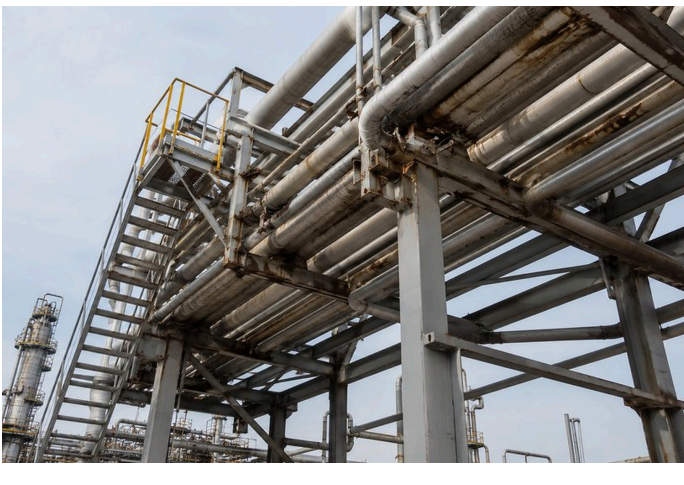
**MECHANICAL SURFACE
PREPARATION NOT PERMITTED**



**NO BLASTING.
NO GRINDING.
NO HOT WORK.**

Clean first. Convert residual rust.

ELEVATED PIPE RACKS



**DIFFICULT ACCESS.
REPAINTING MEANS
SCAFFOLDING AGAIN.**

Overhead pipes. Joints. Supports.

04 MATCH EXTERNAL EXPOSURE

Complete the system with the right protective coating.

EXPOSURE	PROTECTIVE COATING	CUSTOMER RESULT
DRY / DUSTY	2050 POLYHYB SHP	FAST-DRYING. ONE-PACK. Direct-to-metal protection.
WET	1040 TST & NMB + 727 SHP	MOISTURE PROTECTION. Surface-tolerant epoxy + polyurethane finish.
ACID FUMES / SPLASHES / COASTAL SALT	1040 TST & NMB + 718 EGF + 727 SHP	ACID + SALT BARRIER. Glass-flake 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.

HELPS PREVENT LEAKS FROM EXTERNAL CORROSION.

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Performance depends on substrate condition, preparation, application and service exposure.