



Urethabond 104

■ Description

- Solventborne single component aluminum pigmented moisture-cure urethane

■ Uses

- Rusty steel and over clean steel
- Concrete walls / poured concrete
- Use on concrete block where the block is being degraded by a harsh environment

■ Surface Prep.

- Follow standard prep. guidelines
- Be sure substrate is free of all moisture

U-104 (cont.)

■ Application

- brush, roll, or spray
- Spray mist travels very far. be certain not to get overspray on cars, etc.
- Use 1 to 3 coats at 2.5-3 mils per coat. Three coats required for optimum life over rusty metal.



U-104 (cont.)

■ Drying

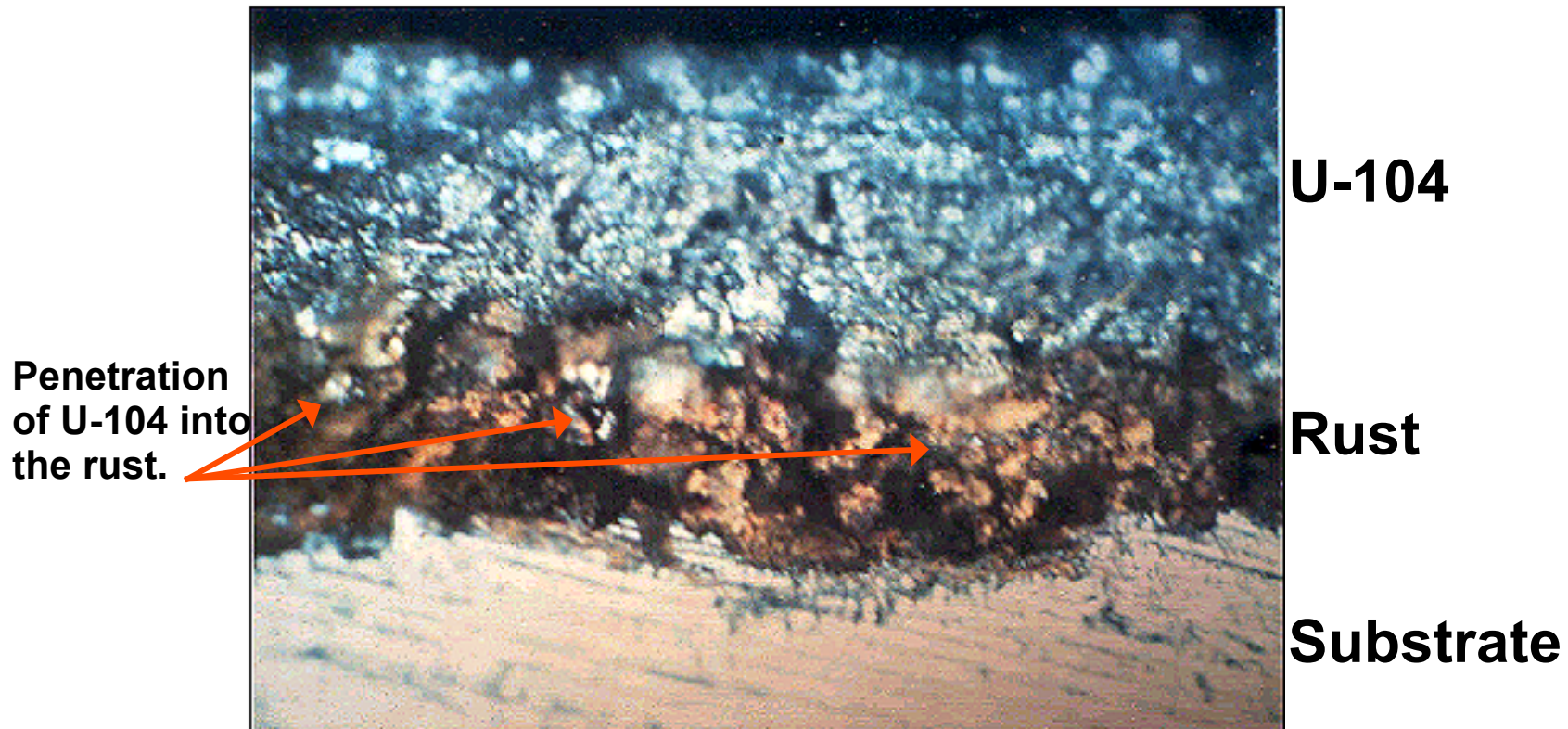
□ Moisture-cured system

- Keep away from moisture, be careful of dew point and condensation.
- Keep can closed when not in use. Dump partials into smaller containers and seal tightly.

□ Overcoat times

- Can overcoat when dry to the touch = approx. 3 hrs. @ 50% R.H.
- Wait no longer than 48 hours, may cause intercoat adhesion problems
- If >48 hours, use U-166 as intermediate coat.

Urethabond 104 (cont.)



Cross -section of U-104 over rust.

-Notice the areas of bright aluminum that make it down into the rusty area due to the small molecule size of the U-104 binder. This essentially “locks” the coating into the existing rusted surface.

U-104 (cont.)



**2500 hrs. salt fog U-104
over pre-rusted panels**



**14,000 hours salt fog
over blasted panel**

For Comparison.....



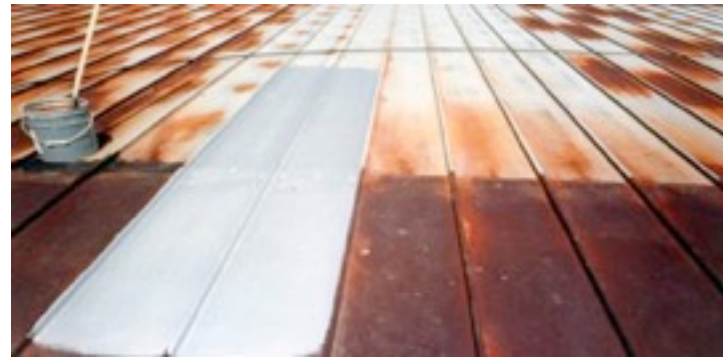
**Three coat alkyd after 1024
hours in salt fog**



**U-104 at 14,000
hours in salt fog**

Firestone Electric Buildings

(Coated with U-104)



Before

After

