COATINGS FOR INDUSTRY
WORKS. ALWAYS.

www.CFICoatings.com
+1 (215) 723-0919

U-104™

- Minimal Surface Prep
- Primer or Final Coat
- Effective Corrosion Barrier
- Proven Over 3 Decades

U-104™

- Aluminum-Filled Moisture-Cured Urethane
- Used as a Primer or Finish-Coat on Lightly-Prepped Steel, Aluminum
- Effective on Clean, Even Rusted Surfaces
- Unique Formula, Available only from CFI

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U-104™

- **Description**
  - Solvent-Borne Single Component Aluminum Pigmented Moisture-Cured Urethane
- **Uses**
  - Lightly Prepared, Even Clean, Rusted Steel
  - Concrete Walls / Poured Concrete
  - Concrete Block, Even in Harsh Environment
- **Surface Prep**
  - Follow Standard Prep Guidelines
  - Substrate Must Be Free of All Moisture

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U-104

- **Application**
  - Brush, Roll, or Spray
  - Primer: 1 or 2 Coats, 2.5-3 mils DFT
  - Final Coat: 2 or 3 Coats, 2.5-3 mils DFT in Silver/Gray
  - 3 Coats Recommended for Optimum Life Over Rusted Steel

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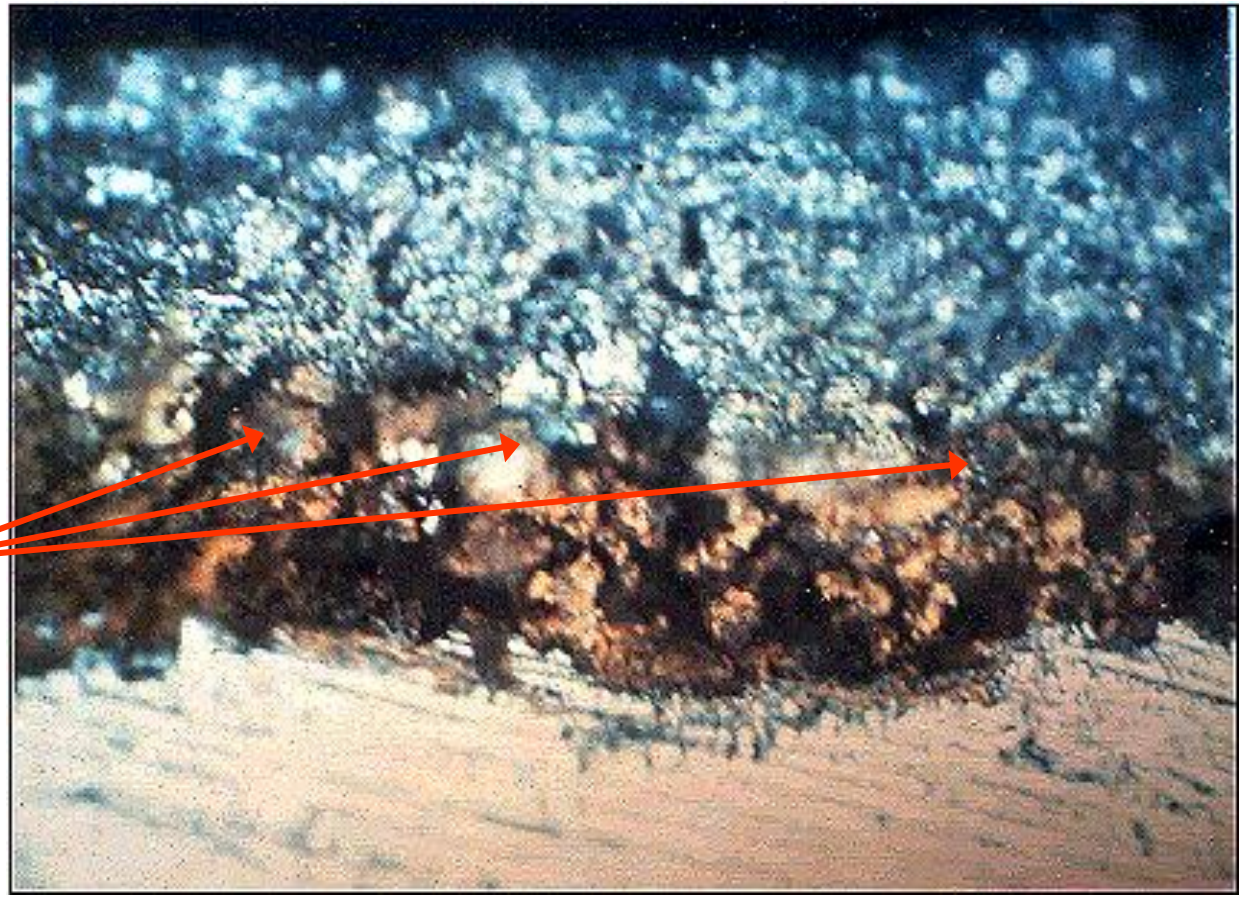
U-104™

- **Drying**
  - Moisture-Cured System
    - Fast Cure: Dry to Touch Under 2 Hours at 70% R.H.
    - Avoid Moisture During Cure
    - No Condensation: Min 5ºF/ 3ºC Temp Dew Point Spread
    - Close Can Immediately When Not in Use; Transfer Partially Filled Cans into Smaller Containers and Seal.
  - Overcoat Times
    - Overcoat When Dry to Touch, Usually Under 3 hrs
    - Max 48 hours
    - If >48 hours, Use U-166 as Intermediate Coat

U-104™

Cross–Section
U-104 Over Rust

U-104 Penetrates Into the Rust, Scavaging Moisture, Aggressively Adhering in the Process



U-104

Surface Rust

Steel Substrate

Note the bright aluminum that penetrate the rust. The uniquely small molecule size of the U-104 binder "locks" the coating into the existing rusted surface, forming a highly effective barrier coat.

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U-104™

Salt Fog Testing

Typical ASTM B-117 Test at 2,500 Hours. U-104 Over Pre-Rusted Panels

14,000 Hours Over Pre-Blasted Panel Demonstrates Minimal Undercutting

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U-104™

Salt Fog Testing

Three-Coats Alkyd On Pre-Rusted Panel After 1,024 hrs in Salt Fog

Three-Coats U-104 On Pre-Rusted Panel After 14,000 hrs in Salt Fog

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Steel Roof Example

Before

After

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