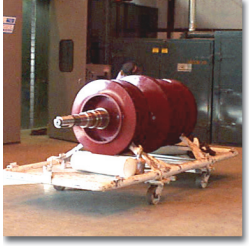

EEC-A2

Engineered Anti-foulant Coating for Turbomachinery

For a complete listing of products and service options, visit us on the Internet at **www.dresser-rand.com** or contact one of the following Dresser-Rand locations:

Dresser-Rand
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Dresser-Rand Asia Pacific Sdn Bhd
Unit 8-1, 8th Floor
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Damansara Heights
50490 Kuala Lumpur, Malaysia
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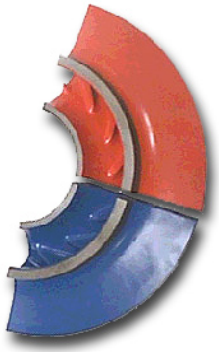
Dresser-Rand's Engineered Equipment Coating, EEC-A2, was developed as an anti-foulant for rotating and stationary turbomachinery components. The coating is a multi-layer metallic-ceramic-polymeric system that includes a galvanic sacrificial base as a second line defensive layer to protect process equipment from corrosive attack. This base coating is sealed with an anti-stick polymer-impregnated top layer. This multi-layer combination reduces the maintenance down-time to remove process clogging deposits, extends the operating life of unit components and increases unit on-line availability.



Applications

EEC-A2 was developed for industrial compressor and steam turbine components. The coating provides a smooth finished surface to reduce the adherence of process foulants in the operating range of 2-9.5 pH.

All coating applications are reviewed by Dresser-Rand for applicability to the design and service conditions of the unit. Components that may be coated include, but are not limited to, the following:

- Compressor impellers
- Diaphragms
- Inlet guides
- Guide vanes
- Diffusers
- Turbine blades
- Wheels
- Cases

Typical Coating Properties

Average thickness: 3-5 mils
Surface roughness: <40 Ra
Coefficient of friction: >.02 (on new surfaces)
Max continuous operating temp: 500ºF
Peak operating temp: 550ºF
Coating adhesion (ASTM D2247): Excellent, no pick-off
Thermal shock, impact survival, solvent resistance: Excellent

DRESSER-RAND