



[Products & Services](#) » [Rust Proofing](#) » [PDS - MSDS Information](#) » [Eco-Coat PDS](#)

## Eco-Coat™ Fire Retardant, Hybrid Polyurea Coating

### Product Data Sheet

(Abridged Version)

#### Description:

Eco-Coat™ is a fire retardant plural component aluminized hybrid polyurea spray applied lining for commercial and industrial applications. This system contains UV stabilizers and leafing aluminum pigment for enhanced UV stability.



#### Features & Benefits:

- Fast Cure – Fully Cure within minutes of being sprayed
- Water Proof – Prevents penetration of water
- Flexible – For long term impact and crack resistance
- Durable – High tensile strength, chemical and abrasion resistance
- Labor Savings – Required mils can be applied in one coat
- Adhesion – Excellent adhesion to most surfaces
- Thermal Stability – From -30°F to 230°F (-34°C to 110°C)
- Environmentally Friendly – Low VOCs (97.5 % solids)

#### Typical Physical Properties:

PROPERTY	VALUE	TEST METHOD
Tensile Strength (psi)	1100 – 1400	ASTM D-412
Elongation (%)	260 – 400	ASTM D-412
Hardness (Shore A)	85±5	ASTM D-2240
Tear Strength		
– Die C (pli)	180 – 270	ASTM D-624
180° Peel Test (pli)	12.5	ASTM D-903
Water Vapor Transmission (perm-in.)	0.09	ASTM D-4134

#### Processing Properties:

Gel Time (sec)	15 – 20
Tack Free (sec)	60 – 90

#### Chemical Properties Isocyanate Resin:

Viscosity (cps)	1000 750
Specific Gravity	1.2 1.03
Ratio (pbv)	100 100

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