



# Surface Moisture and Heat Resistant Epoxy Resin for Online Application

## CORRO-DUR™ 2000 (R)

CORRO-DUR™ 2000 (R) is a 100% solids aliphatic polyamine cure liquid epoxy polymer anticorrosion resin which is self-priming and provides a tightly adherent, thick protective film.

Ideal for **online application** on wet surfaces, underwater and hot surfaces up to 121°C, environment that requires field-friendly, low odor resin for long-term steel protection both wet and dry and other services.

Recommended Fiber System (Corro-Wrap™ WL):

1. Bas-Rap™  
-Basalt Uni-Directional (Weight: 320gsm)
2. CRBX  
-E-glass Biaxial (Weight: 800gsm)



### TECHNICAL DATA

Mixing ratio	2.5:1 by volume
Pot life	Approx. 25 minutes at 25°C (77°F)
Heat resistance	121°C (immersion), 204°C (non-immersion)
Dry time (dust free)	6 hours at 25°C (77°F)
Full cure time	24 hours at 25°C (77°F)
Glass transition temperature, Tg (ASTM D7028)	115°C (239°F)
Tensile strength (ASTM D3039)	666,520 kPa (96,595 Psi)
Lap shear strength (ASTM D3165)	13,881 kPa (2,013 Psi)

### CURING SCHEDULE

Surface temperature @50% RH	Cure time (Light service)	Cure time (Full cure)
25°C (77°F)	6 Hours	24 Hours
35°C (95°F)	3 Hours	12 Hours
45°C (113°F)	90 Minutes	6 Hours
55°C (131°F)	45 Minutes	3 Hours
65°C (149°F)	23 Minutes	90 Minutes
75°C (167°F)	12 Minutes	45 Minutes



Versatile



Simple application



100% solids



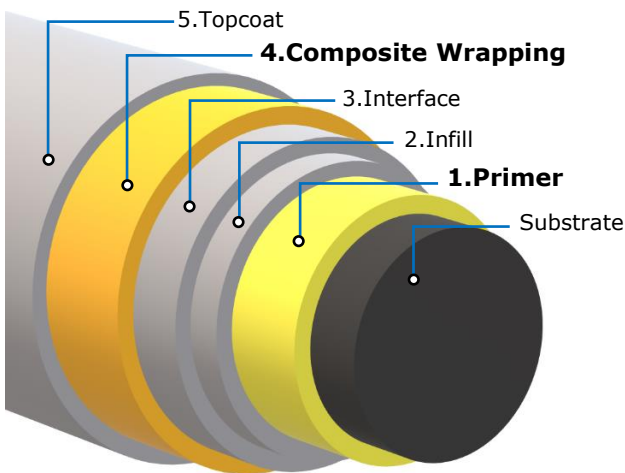
Odour free



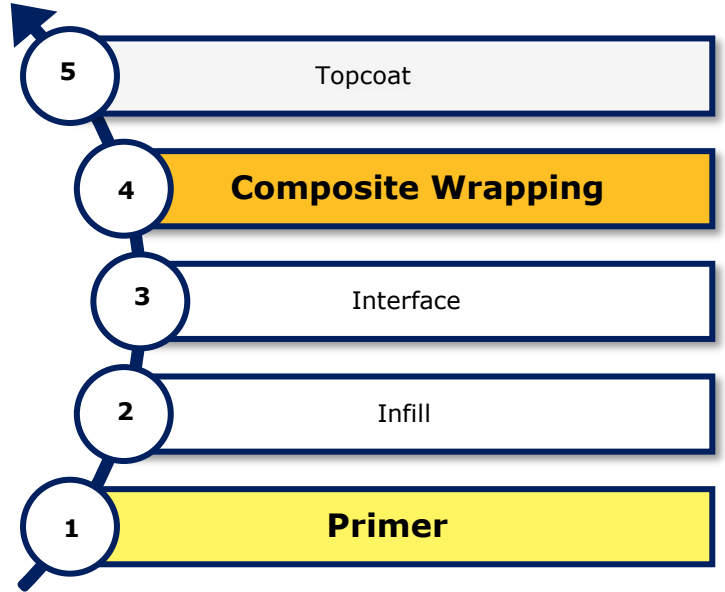
High performance

# CORRO-DUR 2000™ (R)

## APPLICATION



Corro-Dur™ 2000 (R) can be used as **Primer** and saturating agent for **Composite Wrapping**



## KEY BENEFITS

### Online Application

- Designed to be applied in online condition up to 121°C with the presence of moisture without a shutdown

### Underwater application

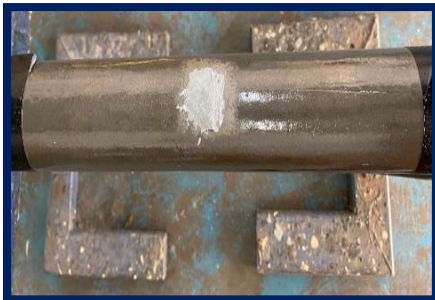
- Can be applied for underwater application under immersed conditions

### 100% solids

- No shrinkage, contraction or expansion during curing

### Short curing period

- Relatively fast full cure for quick turnaround and can be expedited by post curing



1. Primer



2. Saturation of fiber



3. Composite Wrapping

For more information, please contact our representative:

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We are specialized in online repair/maintenance services as we offer comprehensive engineering services for the offshore, marine, petrochemical, power generation, food processing, palm oil processing and other industries throughout the region.