

Enviroline 376F-30

High temperature immersion resistance

Enviroline® 376F-30 is a solvent free, two component polycyclamine cured novolac epoxy lining system.

- Resists continuous immersion in a wide range of chemicals including crude oil and hydrocarbon water mixtures up to 90°C (194°F)
- High chemical resistance makes it suitable for storing bio-fuel and bio-ethanol
- Rapid cure times allows storage tanks and vessels to be returned to immersion service within 14 hours
- Fast return to service minimizes process disruption and reduces overall installation costs
- Excellent impact and abrasion resistance minimizes turnaround times and clean outs
- Low temperature cure version, cures at temperatures down to -7°C (20°F)



Enviroline 376F-30 is ideally suited for fast turnaround during limited shutdown periods

With high performance in continuous immersion, Enviroline® 376F-30 offers outstanding long term chemical and corrosion protection against a wide range of chemicals.

Protection to 90°C (194°F)

Solvent free Enviroline® 376F-30 provides long term protection for a variety of cargoes including bio-diesel, crude oil and hydrocarbon water mixtures up to 90°C (194°F). It also offers good cathodic disbondment resistance, making it ideal for protecting buried pipelines and tank bases.

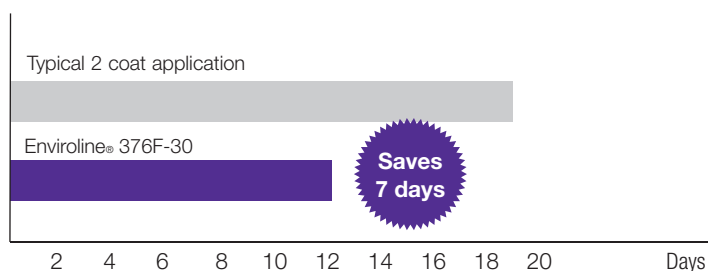
Improving productivity

Enviroline® 376F-30 is a single coat thick film lining with fast cure characteristics that allow you to return your tanks and vessels to immersion service within 14 hours. This potential to reduce overall installation costs is further enhanced by high impact and abrasion resistance, which extends the service life of the coating and reduces possible damage during cleaning.

Protecting both steel and concrete substrates, Enviroline® 376F-30 can protect a variety of assets including bulk storage tanks, secondary containment and buried transmission pipelines.

Quicker return to service

Time shown is the time to clean, prepare, apply and cure the lining ready for return to service. Based on a 1000m² (10,764ft²) tank, coating the base and one metre up the wall



Technical information

Volume solids	100%
Typical thickness	500 - 1,000µm (20 - 40mils)

Test data

TEST TYPE	TEST METHOD	RESULTS
Pull-off adhesion to steel	ASTM D4541 Adhesion direct to blasted steel substrate	Typically >12.5MPa (1,833psi)
Abrasion resistance	ASTM D4060 CS17 Wheel – 1kg weight	72mg / 1,000 cycles
Chemical resistance	ISO 2812 Part 1 Immersion @ 71°C (160°F) (Crude oil, sweet/sour)	No defects
Chemical resistance	ISO 2812 Part 1 Immersion @ 71°C (160°F) (Bio-diesel)	No defects
Chemical resistance	ISO 2812 Part 1 Immersion @ 71°C (160°F) (Aliphatic hydrocarbons)	No defects
Cathodic disbondment	ASTM G95 1.5 volts for 28 days	@ 24°C (75°F) 1.4mm disbondment @ 65°C (149°F) 5.4mm disbondment

The above performance data has been compiled based on present experience of in-service product performance and upon performance data obtained under laboratory test conditions. Actual performance of the product will depend upon the conditions in which the product is used.

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