Enviroleline® 376F-60 is a polycyclamine cured epoxy novolac lining reinforced with both flake and fibre to provide tank bottom refurbishment with a 14 hour return to service time.

- Conforms to API 652/653 guidelines allowing inspection intervals up to 20 years reducing downtime and shutdowns
- Resists continuous immersion in a wide range of chemicals, including crude oil and hydrocarbon water mixtures up to 194°F (90°C)
- High chemical resistance makes it suitable for storing bio-fuel and bio-ethanol
- Flake reinforced system is spray applied in a single coat significantly increasing application rates and reducing labor costs
- Applied without the need for specialist chopper guns
- Rapid cure time minimizes process disruption by being ready for immersion service within 14 hours
- Excellent impact and abrasion resistance minimizes turnaround times and clean outs
- Low temperature cure version, cures at temperatures down to 20°F (-7°C)
Enviroline® 376F-60 reinforced lining system which offers tank internal inspection intervals of potentially 20 years

Enviroline® 376F-60 builds on Enviroline® 376F-30 with the addition of flake and fiber reinforcement to provide outstanding long term performance against a wide range of chemicals.

Conforms to API 652 / 653
Enviroline® 376F-60 conforms to API 652/653 guidelines, allowing inspection intervals up to 20 years, minimizing downtime. At installation, the thick film reinforced lining is applied as a single coat without the need for specialist chopper guns. Fast cure provides extra efficiency gains, enabling you to return assets to immersion service within 14 hours and reduce overall installation costs.

High temperature immersion
Solvent free Enviroline® 376F-60 provides long term protection for a variety of cargoes including bio-diesel, crude oil and hydrocarbon water mixtures up to 194°F (90°C). Enviroline® 376F-60 also offers good cathodic disbondment resistance, making it ideal for protecting buried pipelines and tank bottoms.

Enviroline® 376F-60 can protect a variety of steel and concrete assets including bulk storage tanks, secondary containment and buried transmission pipelines.

Technical information
- Volume solids: 100%
- Typical thickness: 50-80 mils (1250 - 2000 microns) DFT

Test data

<table>
<thead>
<tr>
<th>TEST TYPE</th>
<th>TEST METHOD</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasion resistance</td>
<td>ASTM D4060 CS17 wheel - 1 kg weight</td>
<td>21.6 mg/1000 cycles</td>
</tr>
<tr>
<td>Pull-off adhesion to steel</td>
<td>ASTM D4541 Adhesion direct to blasted steel substrate</td>
<td>Typically &gt; 1833 psi (12.5 MPa)</td>
</tr>
<tr>
<td>Cathodic disbondment</td>
<td>ASTM G695 1.5 volts for 28 days</td>
<td>@ 75°F (24°C) 1.4 mm disbondment @ 149°F (65°C) 5.4 mm disbondment</td>
</tr>
<tr>
<td>Chemical resistance</td>
<td>ISO 2812 Part 1 Immersion @ 160°F (71°C) (Crude Oil, sweet/sour)</td>
<td>No defects</td>
</tr>
<tr>
<td>Chemical resistance</td>
<td>ISO 2812 Part 1 Immersion @ 160°F (71°C) (25% Sodium Chloride Soln)</td>
<td>No defects</td>
</tr>
<tr>
<td>Chemical resistance</td>
<td>ISO 2812 Part 1 Immersion @ 160°F (71°C) (Aliphatic Hydrocarbons)</td>
<td>No defects</td>
</tr>
</tbody>
</table>

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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