Interkote
Cementitious Fire Protection Formulated with Bauxite

The Interkote® range of fire protection products addresses the challenges of protecting onshore oil, gas and chemical processing facilities, as well as industrial structures, with cementitious fireproofing materials. Formulated with bauxite, Interkote provides cost effective fire resistance in accordance with UL1709.

Interkote 1460 and Interkote 1560 are high density, high yield materials designed for straightforward field application to primed steel sections in onshore new construction or maintenance scenarios.

- Excellent in-place performance and long term durability
- Designed for in-situ spray and trowel application with standard equipment in a contour configuration
- Suitable for new construction and maintenance scenarios
- Tested in accordance with internationally recognised standards for hydrocarbon pool fire, jet fire and blast resistance
- Up to four hours hydrocarbon pool fire resistance with jet fire resistance for up to two hours
- Enviable track record protecting assets in the onshore oil and gas industry
- Global International Paint technical and field support services backed by 40 years of experience and expertise in the oil and gas industry
Interkote high density, high yield cementitious fireproofing provides optimised hydrocarbon fire protection for the onshore oil and gas industry

Certificates and Approvals
Interkote® has been certified to a number of industry recognised standards including:
- UL 1709
- BS476 part 20 hydrocarbon pool fire
- Jet fire qualified

Improved Productivity
Interkote® bauxite based cementitious fire protection material provides the following productivity advantages:
- Low friction in pump lines allowing pumping over large distances reducing site complexity
- Low abrasion to application equipment reducing downtime and maintenance costs
- High DFT per pass allows higher application production rates
- Quick and easy clean up, allowing more spraying time in a regular working day
- Spray and trowel application

Single Source of Supply
International Paint can meet all of your fire protection and protective coatings needs, to simplify the specification and bidding process for both engineers and contractors. This includes:
- Chartek® epoxy intumescent fire protection
- Interkote cementitious fire protection
- High performance corrosion resistant primers
- High durability topcoats

Technical Support
Full technical support and technical service is available for all fire protection projects around the world.

Contour Application
Interkote is specified for contour application only. This is to eliminate the risk of corrosion cells currently associated with box configurations of cementitious fire protection

Physical Properties

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>INTERKOTE 1460</th>
<th>INTERKOTE 1560</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire ratings</td>
<td>UL 1709</td>
<td>1-4 hours</td>
<td>1-4 hours</td>
</tr>
<tr>
<td>Hydrocarbon pool</td>
<td></td>
<td>2 hours</td>
<td>2 hours</td>
</tr>
<tr>
<td>Jet fire</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blast resistance</td>
<td>BakerRisk*</td>
<td>3.2 bar overpressure</td>
<td>3.2 bar overpressure</td>
</tr>
<tr>
<td>Dry density (kg/m³)</td>
<td>ASTM E 605</td>
<td>641 (40 pcf)</td>
<td>801 (50 pcf)</td>
</tr>
<tr>
<td>Bond (kPa)</td>
<td>ASTM E 736</td>
<td>&gt; 766 (16,000 psf)</td>
<td>&gt; 1,197 (25,000 psf)</td>
</tr>
<tr>
<td>Compressive strength (kPa)</td>
<td>ASTM E 761</td>
<td>&gt; 3,447 (500 psi)</td>
<td>&gt; 6,895 (1,000 psi)</td>
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<tr>
<td>Shore D hardness</td>
<td>ASTM D2240</td>
<td>&gt; 40</td>
<td>&gt; 70</td>
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<tr>
<td>Surface burning</td>
<td>ASTM E 84</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Smoke development</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Flame spread</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Air erosion (g/m²)</td>
<td>ASTM E 859</td>
<td>0.00 (0.00 g/ft²)</td>
<td>0.00 (0.00 g/ft²)</td>
</tr>
<tr>
<td>Impact resistance (N-m)</td>
<td>ASTM E 760</td>
<td>No damage @ 325 (240 ft lbs)</td>
<td>No damage @ 325 (240 ft lbs)</td>
</tr>
</tbody>
</table>

*Blast resistance test conducted at BakerRisk