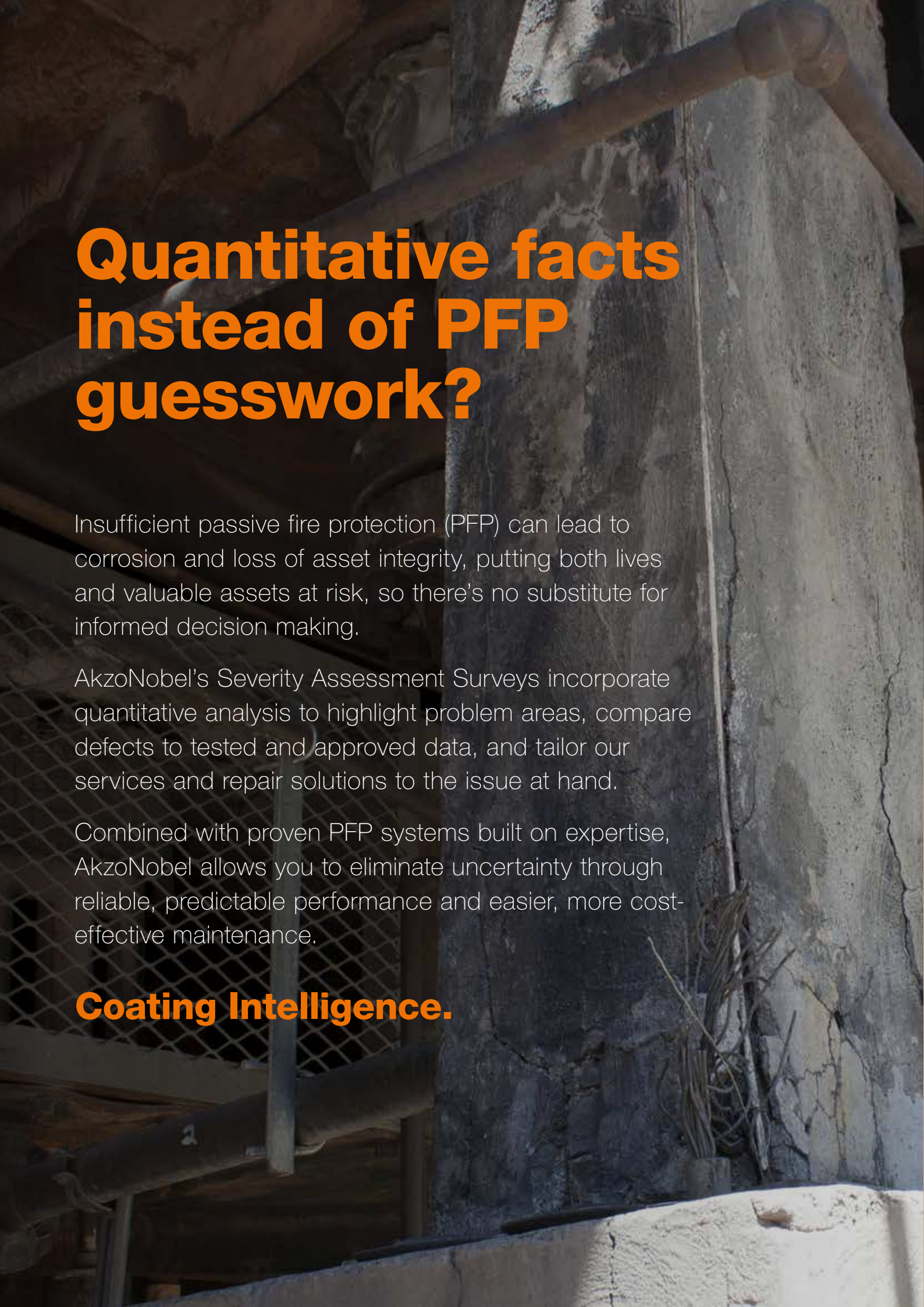
International

Passive fire protection

Maintenance Solutions for Downstream Oil & Gas

AkzoNobel



Quantitative facts instead of PFP guesswork?

Insufficient passive fire protection (PFP) can lead to corrosion and loss of asset integrity, putting both lives and valuable assets at risk, so there's no substitute for informed decision making.

AkzoNobel's Severity Assessment Surveys incorporate quantitative analysis to highlight problem areas, compare defects to tested and approved data, and tailor our services and repair solutions to the issue at hand.

Combined with proven PFP systems built on expertise, AkzoNobel allows you to eliminate uncertainty through reliable, predictable performance and easier, more cost-effective maintenance.

Coating Intelligence.

Severity assessment surveys

Most guidance on the condition of PFP systems is **qualitative** in nature. While this may highlight when maintenance is needed, the lack of data often results in underperformance and uncertainty, making it hard to control maintenance cycles and budgets.

Our Severity Assessment Surveys go further, incorporating **quantitative** analysis from subject matter experts to provide informed insights on the thermal and structural responses of areas with damaged PFP.

A detailed condition survey can highlight problem areas, comparing defects with tested and approved data, and tailoring our Fire Engineering services and Chartek repair solutions to the issue at hand.

Certified product solutions

With over 45 years of global track record, our coatings are proven, reliable and certified, providing outstanding long-term protection to maximize asset life while minimizing downtime.

Chartek represents industry-leading epoxy intumescent coating technology, with a worldwide legacy of proven performance going back as far as the Apollo space program.

Chartek® 7E

Self-reinforced PFP coating, eliminating the need for reinforcement in the field, with excellent workability and low water uptake, for certified protection from pool and jet fires.

Chartek® 1709

The most widely used coating for onshore fire protection, with over 1.9 million square meters (20.5 million square feet) protected worldwide. Tough and durable, Chartek 1709 can be applied at temperatures as high as 121°C (249.8°F), combining fire and corrosion protection with lifecycle cost savings.

Chartek® 2218

Innovative PFP, the first epoxy intumescent capable of curing at temperatures as low as -10°C (14°F), certified for hydrocarbon pool and jet fire protection. Chartek 2218 offers lower curing times, increases productivity and extends annual maintenance windows, while minimizing application costs and project downtime.

Dry Fit Epoxy Cast Solutions

In a joint partnership with Benarx Solutions, these products streamline PFP installation in challenging conditions, providing time savings and solving logistical issues using Chartek epoxy intumescent material.

Intercrete®

Advanced cementitious coatings for the protection of concrete surfaces, the Intercrete range allows concrete fire protection to be reinstated, maintaining structural integrity and extending service life by preventing further deterioration of the substrate.

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To discover more about our passive fire protection products, contact us or visit our website:

international-pc.com/in-focus/maintenance-pfp

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