

A photograph of an industrial facility at night, featuring a complex network of pipes, metal structures, and a large cylindrical tank. The scene is illuminated by warm, orange lights, creating a dramatic atmosphere. Several thin, curved orange lines sweep across the right side of the image, adding a modern, graphic touch.

# Our legacy is protecting yours

**Chartek: without compromise**

**chartek.com**

# Chartek: without compromise

Chartek is the world's most complete range of epoxy intumescent passive fire protection (PFP) coatings and the first choice for the oil and gas industry worldwide. With an in-service track record of over 45 years, Chartek provides safety, durability and efficiency through proven, economical and easy-to-apply solutions, meeting all project and customer requirements.

## Chartek 7

With an unrivalled 25 year track record, Chartek® 7 provides exceptional pool, jet fire and high heat flux jet fire protection and proven long term corrosion resistance. It is the most widely certified epoxy intumescent in the world and has protected over 6 million square meters of steel globally. Chartek 7 is ideally suited to assets requiring long duration fire resistance, providing up to 3 hours jet fire protection.

## Chartek 7E

Chartek 7E is based upon our proven Chartek 7 technology platform, giving the oil and gas industry more choice and greater efficiency than ever before. Fully certified to key industry standards, Chartek 7E is self-reinforced for all fire types, removing the need for mesh reinforcement and simplifying application, whilst providing exceptional fire and corrosion protection throughout the lifetime of the asset. Chartek 7E offers outstanding pool and jet fire resistance for up to 2 hours and an up to 60% reduction in installed weight against other products in the market.

## Chartek 8E

Chartek 8E provides exceptional pool fire performance with up to 30% lower installed weight compared to alternative PFP products, allowing for greater flexibility in structural design. It improves coating efficiency through reduced number of coats and no mesh requirement for up to 60 minutes pool fire duration. Completely Boron-free, Chartek 8E can be applied to areas with a continuous operating temperature of up to 120°C (248°F), making it the ideal choice for process equipment and areas experiencing heat radiation from flares.

## Chartek 1620CSP

Chartek 1620CSP is a unique intumescent PFP coating that provides both cryogenic spill protection (CSP) and fire protection. It protects against leaks of liquified natural gas (LNG) at -162°C (-260°F) and is designed to enhance productivity through fast application and low applied thickness. Chartek 1620CSP also provides excellent corrosion and blast resistance.

## Chartek 1709

Chartek 1709 adds unique capabilities to our ANSI/UL 1709 listed product offer to give you an unrivalled choice. Having covered millions of square meters over a period of 15 years, Chartek 1709 can be used with confidence for a wide range of applications and fire scenarios, including pool fires up to 4 hours, jet fires and vessel protection. Its low installed weight and excellent application properties make Chartek 1709 the ideal choice for modular construction or site application.

## Chartek 2218

Chartek 2218 is our latest epoxy PFP system for installations requiring certification to the ANSI/UL 1709 standard. Using patented technology, it offers our lowest certified thicknesses for longer duration fires. Chartek 2218 is certified for up to 4 hours pool fire protection and is jet fire tested up to 2 hours. Simplified installation and unique rapid cure, even at low temperatures, enable faster application, improve production rates and reduce overall costs.

- Up to 300% more steelwork coated per day compared to cementitious PFP
- Up to 50% more steelwork coated per day compared to any other epoxy PFP
- 20% reduction in applied costs compared to the market leading epoxy PFP

