

Chartek 1709

Our legacy is protecting yours

Chartek® 1709 reduces the total cost of ownership while maintaining fire performance for the life of the facility.

Ideal for maintenance & repairs of vessels, spheres and process equipment.

Maintenance and repairs of structures with operating temperatures of up to 120°C (212°F).

Product features

- Over 1.9 million m² (20 million ft²) protected since introduction in 2005
- Provides real lifecycle cost saving by reducing on-going maintenance
- Tough and durable coating resistant to impact, vibration and mechanical damage
- Advanced Chartek technology, qualified by Underwriters Laboratories (UL) ANSI/UL 1709
- Increased productivity through elimination of welded pin application and optimized mesh requirement
- Chartek products have over 45 years track record in providing fire protection to oil and gas installations
- Chartek 1709 is ideal for hydrocarbon pool and jet fire protection

Long term corrosion protection

Chartek 1709 has extremely low water absorption and as a result significantly reduces the corrosion rate of steel under fire proofing that can compromise steel load bearing capacity.

Chartek 1709 increases plant reliability and lengthens the time between maintenance cycles. This reduces inspection costs and the risk of downtime due to maintenance and repair delay.

Ideal for maintenance and repairs

- The most widely used epoxy intumescent for onshore
- Provides long term durability with combined fire protection and corrosion protection
- Provides fire and corrosion protection to gas spheres and bullets in the harshest of chemical and coastal environments
- Reduces lifecycle maintenance costs
- High temperature tolerance for process equipment and vessels (up to 120°C (212°F))
- Mesh free up to 1 hour pool fire and block out repairs
- Resistant to impact and vibration damage

Chartek 1709 is quick and easy to install by means of airless spray, trowel or casting techniques, greatly enhancing project efficiency.



Fully certified and tested

Chartek 1709 also has the following approvals:

- Underwriters Laboratories (UL) ANSI/UL 1709
- Factory Mutual (FM)
- Blast resistant up to 4 bar overpressure (0.4Mpa)
- NORSOK M501 System 5
- Jet fire protection

