

Chartek 7E

Self-reinforced passive fire protection

Fully certified to key industry fire protection and corrosion standards, Chartek 7E is self-reinforced to simplify application providing fire performance and corrosion protection throughout the lifetime of the asset.

Product features

- Low installed weight
- Self-reinforced technology
- Low water uptake
- Approved by LR and DNV
- Pool fire certification up to 2 hours
- ISO 22899 jet fire certification up to 2 hours
- Resistant to blast overpressures up to 4 bar
- ISO 20340 and Norsok M501 Edition 6 System 5A compliant

Chartek has a 45 year history of protecting oil and gas installations against explosion, hydrocarbon pool and jet fires.

Chartek coatings can be found on offshore platforms, FLNGs, FPSOs, refineries, petrochemical plants, LNG facilities and LPG storage facilities around the world.



Ideal for maintenance and repairs

Chartek 7E is based upon our Chartek 7 technology platform; protecting more than 6 million square meters of steelwork over the last 25 years, more than 60% of the world's offshore oil and gas facilities have benefited from Chartek 7 protection.

Enhanced

Chartek 7E uses patented additive technology to provide self-reinforced chars, removing the need for mesh reinforcement.

Unrivalled

Chartek 7E reduces the typical installed weight required for jet and pool fire protection for this class of material. Depending on section factor and fire type, installed weight reductions of up to 60% can be achieved compared to other products on the market.

This unrivalled benefit for a self-reinforced solution not only aids productivity but also provides greater process design freedom to comply with project change orders.

Excellent workability

Unlike some products on the market that can slump and wrinkle from over-application, Chartek 7E applies and rolls extremely well producing an attractive finish. Rapid hardness development allows the specification thickness to be delivered quickly thereby minimizing impact to build schedules.

Industry leaders

Having a leading fully certified product offer is only part of the story. It is our overall service that sets Chartek apart. From our experienced technical service personnel around the world to the bespoke project testing in our state-of-the-art R&D facilities; this is what makes us leaders in the area of passive fire protection solutions.

Chartek 7E – benefitting owners and applicators