

Chartek 1620CSP

Cryogenic Spill Protection

Chartek[®] 1620CSP is a unique intumescent material that provides combined hydrocarbon jet fire protection and insulation when exposed to cryogenic liquids.

A high build, solvent free, two component epoxy, Chartek[®] 1620CSP also provides excellent corrosion protection and blast resistance.

- Engineered single product solution for cryogenic liquid release and fire resistance
- Based on Chartek epoxy technology
- Low density and optimized thickness
- Fully tested to a combined cryogenic spill and accelerated weathering program
- Uses non-directional HK-1 mesh reinforcement
- Fire and cryogenic liquid release resistance third party certified

Proven technology optimized to enhance productivity

Based on Chartek® epoxy technology that has a 40 year history of reliability, Chartek® 1620CSP has been demonstrated to provide excellent corrosion resistance, fire protection and blast resistance even **after** cryogenic liquid exposure. And because Chartek® technology is so durable resistance to cryogenic liquid exposure is still excellent even **after** prolonged accelerated weathering.

This coupled with low water uptake, excellent damage resistance and easy application characteristics make Chartek® 1620CSP the most versatile all round protection against cryogenic liquid releases.



Optimized to protect against steel fracture caused by the release of cryogenic liquids Chartek® 1620CSP also provides resistance to hydrocarbon pool and jet fires.

Chartek® 1620CSP is ideal for: It can also be used on:


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| <ul style="list-style-type: none"> • FLNGs • Floating LNG terminals | <ul style="list-style-type: none"> • Decks • Structures • Pipework • Vessels |
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Our CSP solution has been specifically engineered to enhance yard productivity. This means:

- Only one product is needed that provides both insulation to cryogenic release and passive fire protection
- Faster application as fewer coats are required
- Lower applied thickness is needed
- Reduced complexity as one solution is used to protect against all cryogenic liquid releases, e.g. LNG, LPG, LIN or pre-mixed refrigerants

Low density coupled with jet fire and cryogenic exposure resistance make Chartek® 1620CSP the most optimized CSP solution on the market.

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