

Hempafire XTR 100

A lightweight UL 1709-certified hydrocarbon passive fire protection coating with low dry film thicknesses

Product description

Hempafire XTR 100 is a lightweight, two-component, epoxy-based intumescent coating that provides up to 4 hours protection against hydrocarbon pool fires. Tested and certified in accordance with the UL 1709 standard, Hempafire XTR 100 protects structural steel from the rising temperatures it is exposed to during a fire, enabling it to maintain its structural integrity for longer. It does this by forming an insulative char that protects the steel from the effects of thermal exposure.

Typical uses

Passive fire protection for structural steel in oil & gas facilities, petrochemical plants and the power generation sector. It can be used on:

- ✓ Structural steel (beams, columns, bracings, coatbacks, etc.)
- ✓ Pipe racks
- ✓ Vessel supports (skirts, saddles, legs, etc.)

Key features

- ✓ Up to 4 hours UL-certified fire protection
- ✓ Low DFT and low total applied weight
- ✓ Suitable for modular and stick-build constructions
- ✓ Mesh reinforcement only required around section flanges
- ✓ Durable and impact resistant
- ✓ 2-hour system can be applied in one working day

Certificates and approvals

- ✓ UL 1709 certified product, Design No. XR671
- ✓ UL 2431 Category I-A Outdoor, Heavy Industrial



Benefits

- ✓ Increases employee safety by giving valuable extra time for evacuation
- ✓ Reduces asset damage by giving more time to extinguish a fire
- ✓ Provides the same duration of fire protection at reduced DFTs, lowering project costs and application time
- ✓ Ultimately reduces project costs and maintenance requirements
- ✓ Lowers project complexity, as well as costs and time, during application
- ✓ A 2-hour passive fire protection coating system can be applied in one working day, increasing applicator productivity