



Benarx Structure Panel is a high performance prefabricated dry-fix passive fire protection solution specially developed to be used on structures and process equipment in the Oil&Gas industry. The versatile nature of the product, makes it usable for virtually any steel structures, vessel, tank or pipe rack. Benarx Structure Panel can be used to provide passive fire protection of structures to achieve the required integrity in a fire-scenario, or to repair/upgrade existing wet-applied PFP systems.

The prefabricated panels also significantly reduce the HSE impact on site. No wet spraying of PFP material, need for pre-treatment of steel or habitats on site. This enables the PFP scope in a project to be carried out in parallel to other disciplines and helps the construction yard finish the project on time. The panels can be installed in wet, cold, dry or warm weather conditions, again resulting in reduced installation time on site.

Tested for cellulosic fire according to GOST R 53295 for up to 150 minutes

Tested for HC-fire according to BS-476-20 for up to 90 minutes

Tested for UL1709 rapid rise hydrocarbon fire for up to 180 minutes

Tested for jet-fire according to ISO 22899 for up to 120 minutes

Tested for HHF jet-fire for up to 120 minutes

Tested for blast resistance up to 1.2 bar

Certified and type-approved by Lloyds Register, UL and GOST

Tested and certified for CSP (Cryogenic Spill Protection) for up to 60 minutes for both immersion-type and jet-type scenarios

Custom design suitable for any area where wet application is not favourable, over inspection points and nodes, as repair-solution where removing the existing PFP is not favorable or in projects where installation time is crucial

High performance product thoroughly tested for ageing and exposure to harsh environments, and static electricity properties

Low Life Cycle Cost, long life time, fast installation and easy removal for inspection



Passive Fire Protection