



ENERGY Fireshield®

Fire Insulation from the ENERGY Products®

On offshore installations, the risk of fire poses a serious threat. Effective fire protection measures are therefore an essential part of all offshore facilities. ENERGY Fireshield® is a NORSOK Class 5 fire insulation for vessels, columns and load bearing structures in the event of fire. This extends system functionality, giving personnel valuable time to bring the situation under control, or to evacuate the facility if necessary.

ENERGY Fireshield® is a distance insulation system that leaves a layer of air between the column and insulation, which eliminates the effect of CUI. Detachable panels allow easy access of the vessel surface for visual inspection.

Advantages of ENERGY Fireshield®

- Jet fire tested according to relevant requirements
- Explosion simulated up to 1,0 barg
- All materials to be approved for offshore use
- Pre-fabrication for faster assembly compared to the standard NORSOK solution
- Easy to modify "on site" if required, without health and environmental risk
- Design which can be further developed to satisfy combination classes including Thermal and Sound
- Totally sealed insulation materials to eliminate risk related to moisture ingress
- No hazardous waste
- External cladding of robust stainless steel; Low maintenance- and life cycle cost
- 80% prefabrication / 20% offshore assembly
- Easy to disassemble for inspection and maintenance
- Effective survey routines at site for tailor made manufacturing
- A design which will eliminate CUI (Corrosion Under Insulation)
- Cost effective

Technical information

Jet fire tests:

- ISO 22 899-1
- Explosion simulated up to 1 barg
- Electrostatic charge test: EN 13463-1, Annex D

