



FyreWrap
Fire protection materials

*When Fire Protection Matters Most
Contact your local distributor.*

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DESCRIPTION

The FyreWrap® J60 System from Unifrax is designed to provide protection against hydrocarbon jet fires to pipework & structural tubular steel sections in industrial and offshore facilities.

Tested to the OTI 95 634 "Jet Fire Resistance Test of Passive Fire Protection Materials", this system is a three layer construction incorporating Unifrax FyreWrap Blanket, Foamglas® T4 and a cladding of 0.7mm stainless steel.

The system has Lloyds Register certification for use up to 66 minutes. The system is low in weight, physically durable and complies with the Norsok Class 5 guidelines.

The FyreWrap J60 system is ideally suited for applications in the offshore sector, oil processing industry and in liquid natural gas processing and storage plants.

SYSTEM COMPONENTS

Inner Layer: Foamglas T4 pipe sections, minimum thickness 37mm, with joints sealed with a silicone mastic which provides a moisture impermeable insulation layer around the pipe or structural member.

Middle Layer: FyreWrap Blanket 25mm thickness x 128kg/m³ density wrapped around the Foamglas sections with all joints being compressed butt joints. FyreWrap Blanket is an AES wool with low bio-persistence which under the EU Directive 67/548/EEC carries no hazard warning and which is also non-combustible and generates no smoke or fuming.

Cladding Layer: The insulating core is fully clad with 0.7mm thick Grade 316 stainless steel. Joints are overlapped by 50mm with longitudinal joints pop riveted. Circumferential joints are banded with stainless steel bands which are also continued along the length of the system on 250mm centres.

TYPICAL PRODUCT PARAMETERS

| FyreWrap J60 Pipe System | |
|--------------------------|-------------------------------------|
| Components | |
| Foamglas Pipe Sections | Grade T4 - 37mm min. |
| FyreWrap Blanket | 25mm x 128kg/m ³ density |
| Stainless Steel Cladding | Grade 316 - 0.7mm min |

TECHNICAL PERFORMANCE

| FyreWrap J60 Pipe System | |
|------------------------------|------------|
| Details | |
| System Rating | 60 minutes |
| Maximum Cylindrical Diameter | 500mm |
| Maximum Hp/A* | ≤130 |

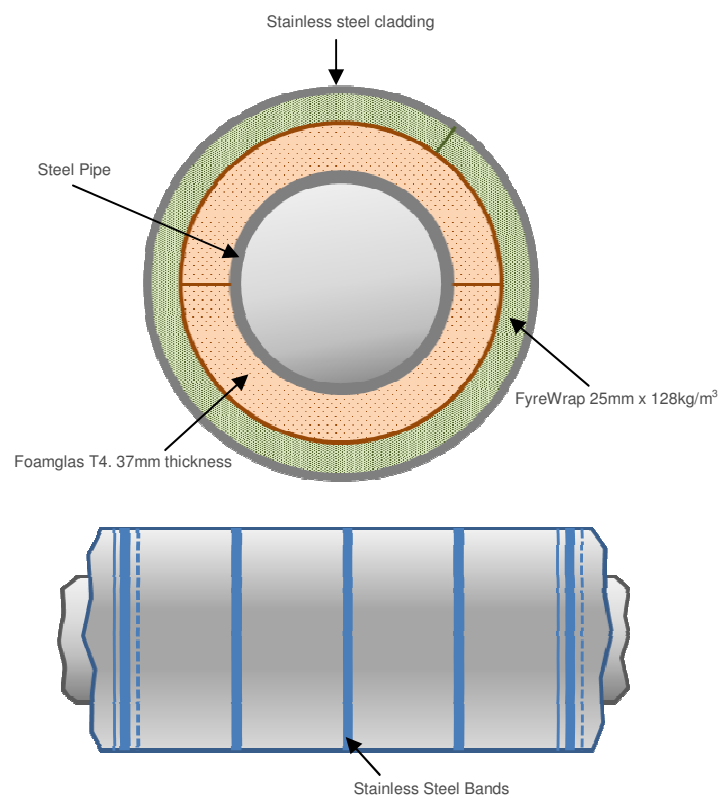
* Hp/A is the perimeter of the section exposed to the fire divided by the cross sectional area of the wall thickness.

Approvals / Compliance

OTI 95 634 "Jet Fire Resistance Test of Passive Fire Protection Materials"
NORSOK Class 5 compliant
Lloyds Register Rules & Regulations for use on offshore installations - approved

SYSTEM

| FyreWrap J60 Pipe System |
|--------------------------|
| Drawing |



An Installation Manual is available for this system. It is recommended that this is read and fully understood before any installation work is undertaken.

AVAILABILITY

| FyreWrap Blanket | |
|-----------------------------|---------------------------|
| Grade | Roll Sizes (mm) |
| 25mm x 128kg/m ³ | 7320 x 610 7320 x 1220 |

Unifrax do not supply the Foamglas T4, the stainless steel cladding or any other ancillary component.

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

Supplied by:

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