

Stenca

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optimal solutions

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Sealing Systems for Cable & Pipe Transits

RISE / NOFIRNO

DENMARK
Svendborgvej 15
9220 Aalborg

Mail info@stenca.dk
Tel. 45 7215 6000

COLD · HEAT · FIRE
INSULATION · ACOUSTICS · PROJECTING
ACCOMMODATION · ADVISING

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Safety Systems for Cable and Pipe Transit offshore and onshore

Stenca Solutions have become the agent for these magnificent products in Denmark, due to these fits perfectly well into our scope of safety onboard.

Combined with our pipe insulation, these different systems gives a perfect match for minimizing any risk of fire and flood.

The European manufacturer have more than 35 years of experience in their field, and together we are guaranteed a continuous flow of new products and technologies that respond to the demanding requirements within the industries.

We can therefore supply you with some of the most innovative technologies towards securing cable and pipe penetrations against fire, gas, smoke or water.

This new product line consist of different systems that all are;

FIRESAFE / GASTIGHT / WATERTIGHT

The product line is divided into three operation areas as;

ELECTRICAL / MECHANICAL / STRUCTURAL

Within the operation areas the systems is classed into;

MULTI CABLE TRANSIT

PIPE TRANSIT

STRUCTURAL GAPS

HIGH INSTANTANEOUS PRESSURE LOADS

The systems can be build up according to the different required fire rate classes up to;

A-60 FOR MULTI CABLE TRANSIT

H-120 + JET FIRE FOR PIPE TRANSIT

H-120 + JET FIRE FOR STRUCTURAL GAPS



ELECTRICAL SOLUTIONS

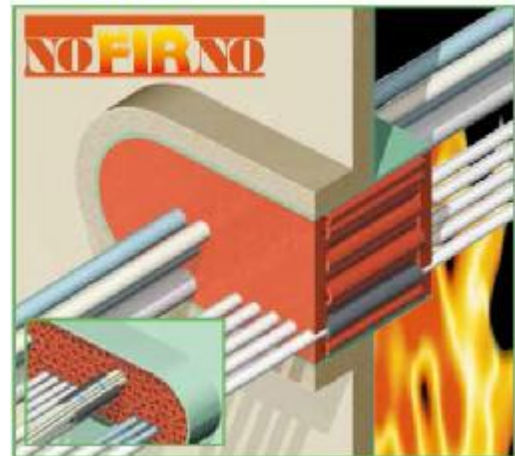


RISE

- For fire, gas, smoke and watertight sealing of multi-cable penetrations.
- Compact system. No precise fitting parts.
- No metal parts, no corrosion.
- Most cost-effective way of installation.
- No pre-engineering or special conduit frames.
- No restrictions on cable tubes and sizes, no insulation in front of the penetration needed.
- Adding or removing cables an easy matter.
- RISE EXTEND-A-FLAME applicable for upgrading block systems – doubles the usable space!
- **Proven – for new and upgraded Installations**
- The system of choice in shipyards worldwide for MORE THAN 20 years!

NOFIRNO

- For fire, gas, smoke and watertight sealing of multi-cable penetrations.
- Compact system. No precise fitting parts.
- No metal parts, no corrosion.
- Most cost-effective way of installation.
- No pre-engineering or special conduit frames.
- No restrictions on cable tubes and sizes, no insulation in front of the penetration needed.
- Jet fire tested for harshest applications.
- A-0 and H-0 tested without the use of any insulation.
- **Breakthrough – bundled cable sets approved**
- The system of choice for highest fire ratings and harshest environment!



DYNATITE

- For applications where a high degree of (instantaneous) tightness is required.
- Dynamic sealing when a disaster occurs.
- Plugs are compressible and will return to their original shape after shock pressure.
- Easily withstands shock pressure loads of up to 15 bar (220 psi)
- Ideal solution for the columns of offshore rigs and collision bulkheads.
- **Breakthrough – dynamic compression.**
- Based on high-tech rupper and engineering proffiling, the DYNATITE plugs can be substantially compressed and get tighter with excessive pressure.



MECHANICAL SOLUTIONS

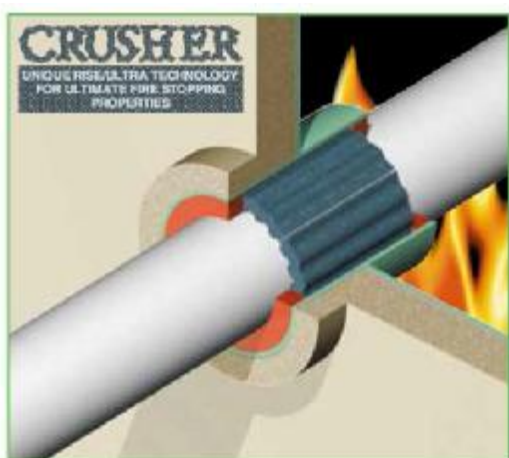


NOFIRNO

- Approved for harshest fire ratings for pipe penetrations (A, H and Jet Fire class).
- Allows substantial movement of the ducted pipe within the conduit.
- High pressure ratings – designed for gas and/or watertight penetrations.
- Prevent corrosion inside the penetration.
- Longest service life and best Total Cost of ownership on the market.
- NOFIRNO rupper sleeves and sealant will remain stable and not be consumed by fire.
- **Breakthrough – MULTI-ALL-MIX SYSTEM**
- Approved for any combination of cable and/or metallic, GRP or plastic pipes!

SLIPSIL

- Designed to provide fire saafe, gas and watertight seals for pipe penetrations.
- For transits carrying single or multiple metal pipes with the same diameter (hydraulic and pneumatic lines).
- Installs in a couple of minutes.
- No bolting or other mechanical devices.
- Absorbs mechanical stresses, vibration and prevents galvanic corrosion problems.
- Wide temperature range: -50° C up to +180° C.
- **Proven – simple, shortest conduit length**
- The system of choice in shipyards worldwide for more than 2 decades!



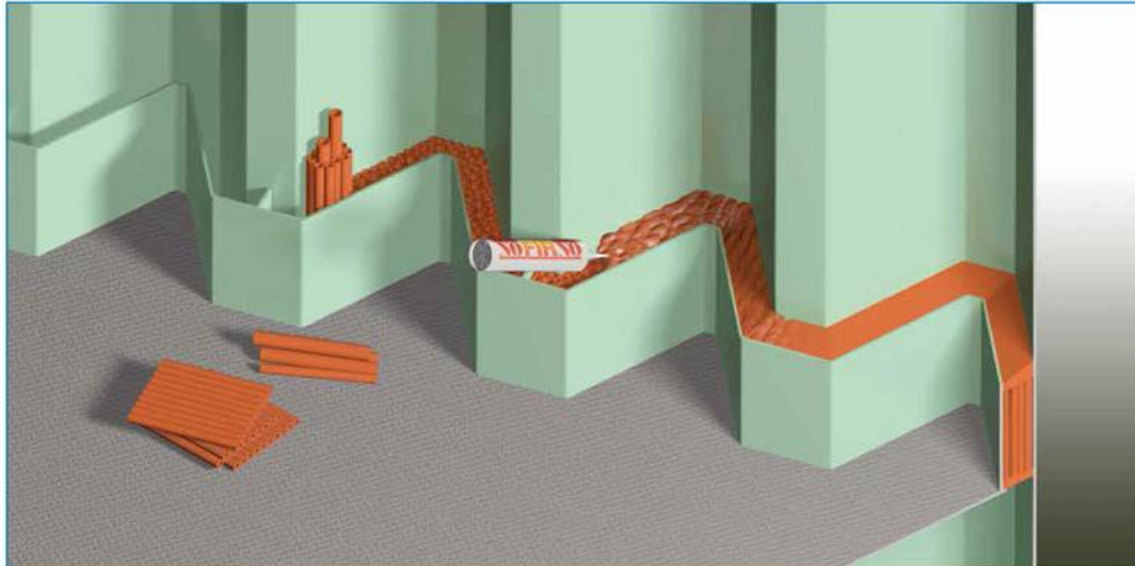
CRUSHER

- Most simple and effective system for all plastic pipe penetrations.
- RISE/ULTRA C-FIT crushers squeeze down and seal opening during a fire.
- NOFIRNO sleeves for filling larger spaces.
- NOFIRNO sealant adheres well to plastics: high degree of water tightness feasible.
- **Breakthrough – adhesion under fire load**
- RISE/ULTRA compound forms an adhesive mass during fire exposure!
- Approved for a multiple mixture of all kinds of plastic pipes.



STRUCTURAL GAP SOLUTIONS

NOFIRNO SEALING SYSTEM



The NOFIRNO system is an effective way of closing structural gaps and keep flexibility within the steel structure and at the same make it fire safe, gas and watertight. The optimized viscosity and the good adhesion properties of the NOFIRNO sealant make applying an easy matter. The viscosity of the sealant also allows to form a sloped surface of the layers to ensure that water will drip off in case of leakages in the installation.

This system is to be applied for vertical fire protection, and a Jet Fire rate can be achieved with the NOFIRNO sealant installed on the exposed side.

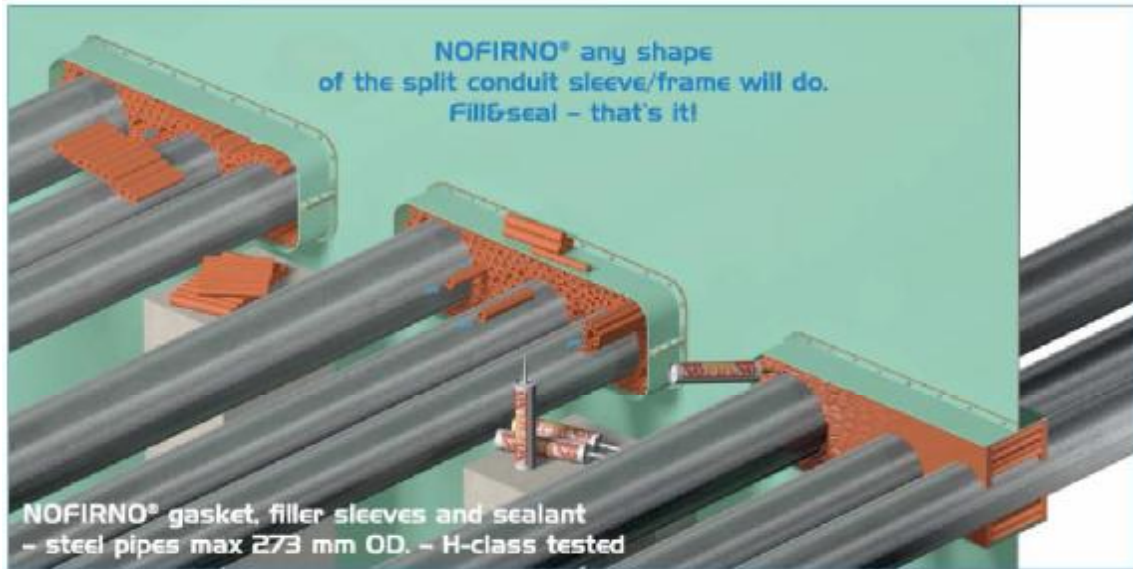
For fire safe sealing of horizontal gaps, for instance between walls and ceilings, a combination of the ACTIFOAM/ULTRA and NOFIRNO can be used:

ACTIFOAM/ULTRA SEALING SYSTEM





EASY, SAFE AND SIMPLE INSTALLATION



The systems can be used for off centre, excentrically and angled ducted pipes for both metallic and GRP pipes.

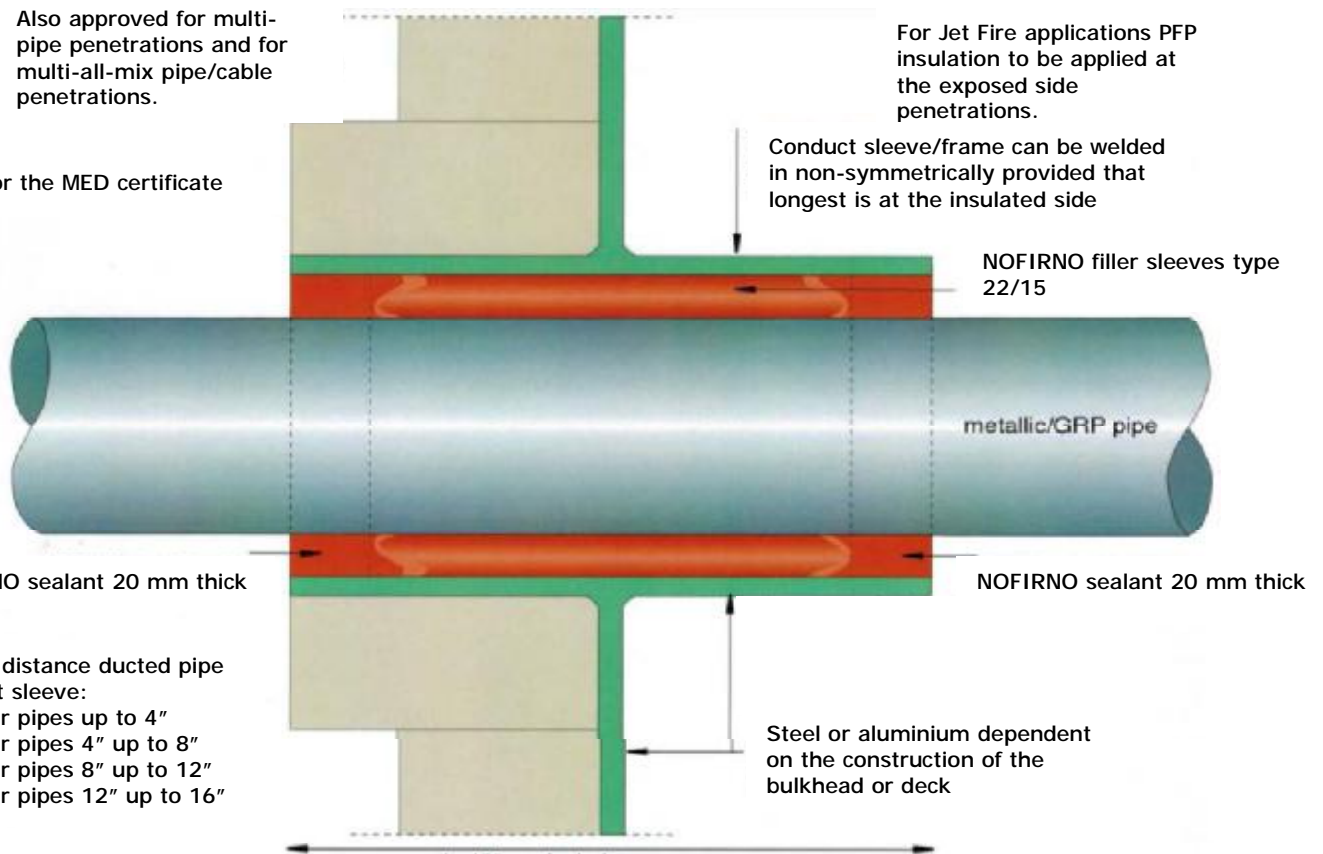
The systems are very easy and simple to install, and there are only a few things to keep in mind;

Also approved for multi-pipe penetrations and for multi-all-mix pipe/cable penetrations.

Ask for the MED certificate

For Jet Fire applications PFP insulation to be applied at the exposed side penetrations.

Conduct sleeve/frame can be welded in non-symmetrically provided that longest is at the insulated side



Minimum distance ducted pipe to conduit sleeve:
 10 mm for pipes up to 4"
 20 mm for pipes 4" up to 8"
 30 mm for pipes 8" up to 12"
 40 mm for pipes 12" up to 16"

Min. 180 mm for A-class
 Min. 250 mm for H0-H120 and Jet Fire