



Forward-looking ship safety

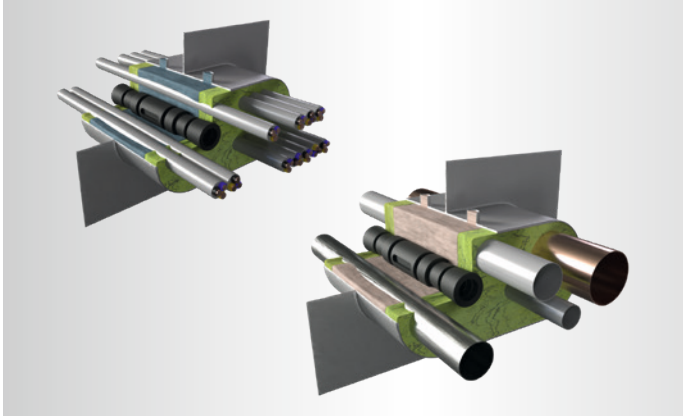
The next level of passive
fire protection

kuhn  odice

ELNOVIS

All-round solutions for passive fire protection on ships

Whether cable or pipe penetrations, coatings, fire protection glass, firestop profiles and gaskets or tailor-made solutions: Our certified products for maritime environments protect lives and property alike. This portfolio overview is designed to help you to make the right choice. From classic shipbuilding to entirely new challenges: We are the safe haven for your safety needs!



Penetration sealing systems for cables and pipes

Our water- and gas-tight systems have obtained an A-60 fire resistance rating in accordance with IMO Resolution MSC 307(88). All systems are approved for installation in bulkhead and deck penetrations. Thanks to their flexible geometry, they are capable of protecting cables and pipes made of virtually any material. In addition, the systems are easy to install and without special tools.

Highlight products:

- GEAQUELLO® E 950
- GEAQUELLO® CPS



System components

Our penetration sealing systems are extremely versatile: They include, for example, intumescent modules that prepare the system for retrofits, saving you time and money. The solutions we provide are thus future-proof and meet case-by-case requirements of any kind!

Highlight products:

- GEAQUELLO® E 234
- GEAQUELLO® R312/R380



Casting and sealing compounds

Our intumescent or flame-retardant casting and sealing compounds are not only insensitive to moisture, but also protect against oils, dilute acids and other technical fluids. They can be used to produce moulded parts, add weather protection or seal our systems, to name just a few.

Highlight products:

- FLAMMADUR® A 386
- FLAMMADUR® E 292



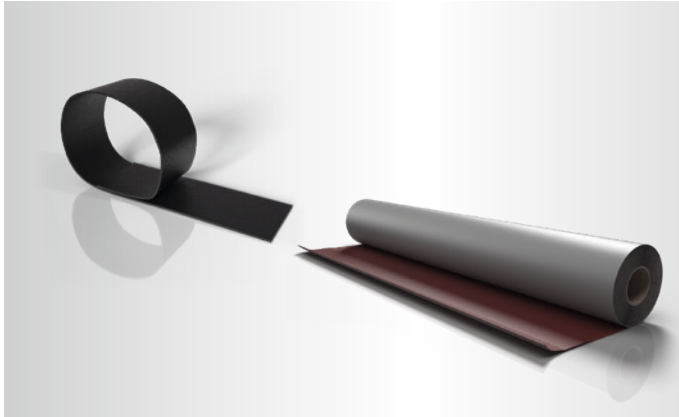
Coatings

When it comes to protecting cables, pipes or surfaces on ships, fire protection coatings developed by KuhnOdice are the right solution. They can be applied to a wide variety of materials, can be painted or decorated, protecting all areas, from the crew and passenger cabins to the machine room. Our coatings are SOLAS-rated and thus meet the requirements laid down in the International Convention for the Safety of Life at Sea.

Highlight products:

- PYRO-SAFE® FLAMMOTECT A
- PYRO-SAFE® FLAMMOPLAST KS 1

We will be happy to work with you in devising just the right solution for YOUR project. We look forward to your enquiry!



Intumescent strips

Firestop wraps (also referred to as fire protection bandages) foam up when exposed to heat so as to form an insulating barrier that prevents the spread of fire. These protective bandages make an efficient wrap-around for cables and cable support systems. They are easy to apply with a standard cutting tool (either scissors or a cutter knife).

Highlight products:

- GEAQUELLO® A 365 Strip
- PYRO-SAFE® DG-CR 0.7

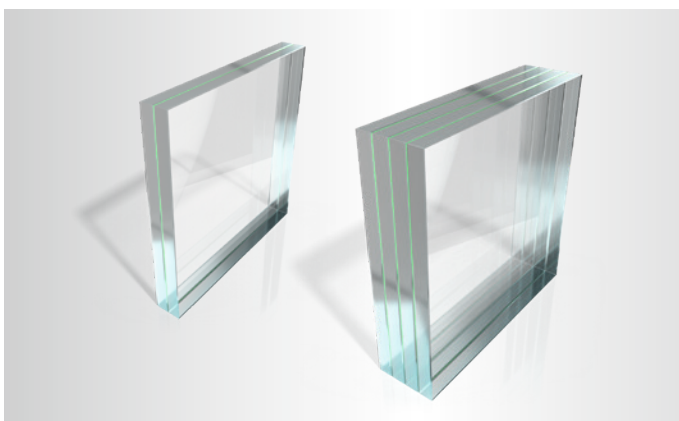


Sealants and fillers

The specially designed 2-component cartridge sealants have a wide range of applications. Fire protection, water and gas tightness plus easy handling make these products suitable for sealing penetrations of cables and pipes, as well as for many other purposes. Our sealants and joint fillers are A-60 certified and are an excellent complement to finish off some applications or add extra protection.

Highlight products:

- FLAMMADUR® E 292 T
- GEAQUELLO® E 234 T



Fire rated glass

Pyroguard fire-rated glass (FRG) maintains its structural integrity (and even insulation performances) even under extreme conditions such as fire and high temperatures. It is designed to effectively prevent the spread of fire on ships, thus ensuring the safety of passengers, crew members and the ship itself.

Highlight products:

- PYROGUARD Marine A60
- PYROGUARD Marine B15



Special solutions

Smartness is key: We use composite materials reinforced with glass fibre and integrated with advanced fire protection features to help you incorporate safety into your lightweight construction projects! Our profiles and gaskets also come with extra safety features in that they are designed to provide a reliable barrier against the passage of flames and smoke whenever a fire occurs. They are available in a wide variety of geometries and designs so that they can be used in many ways, especially in glazing areas. As acoustic insulation on ships matters no less than fire protection, we can now provide dedicated ship enhancement solutions that “have it all” – be sure to get in touch!

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