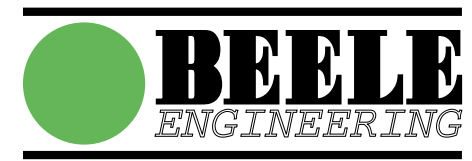


# PRODUCTS OF CHOICE: SEALING SYSTEMS FOR CABLE AND PIPE TRANSITS



*ADVANCED RUBBER TECHNOLOGY  
R&D AND TEST LABS IN-HOUSE  
ULTRA-MODERN FACTORY*



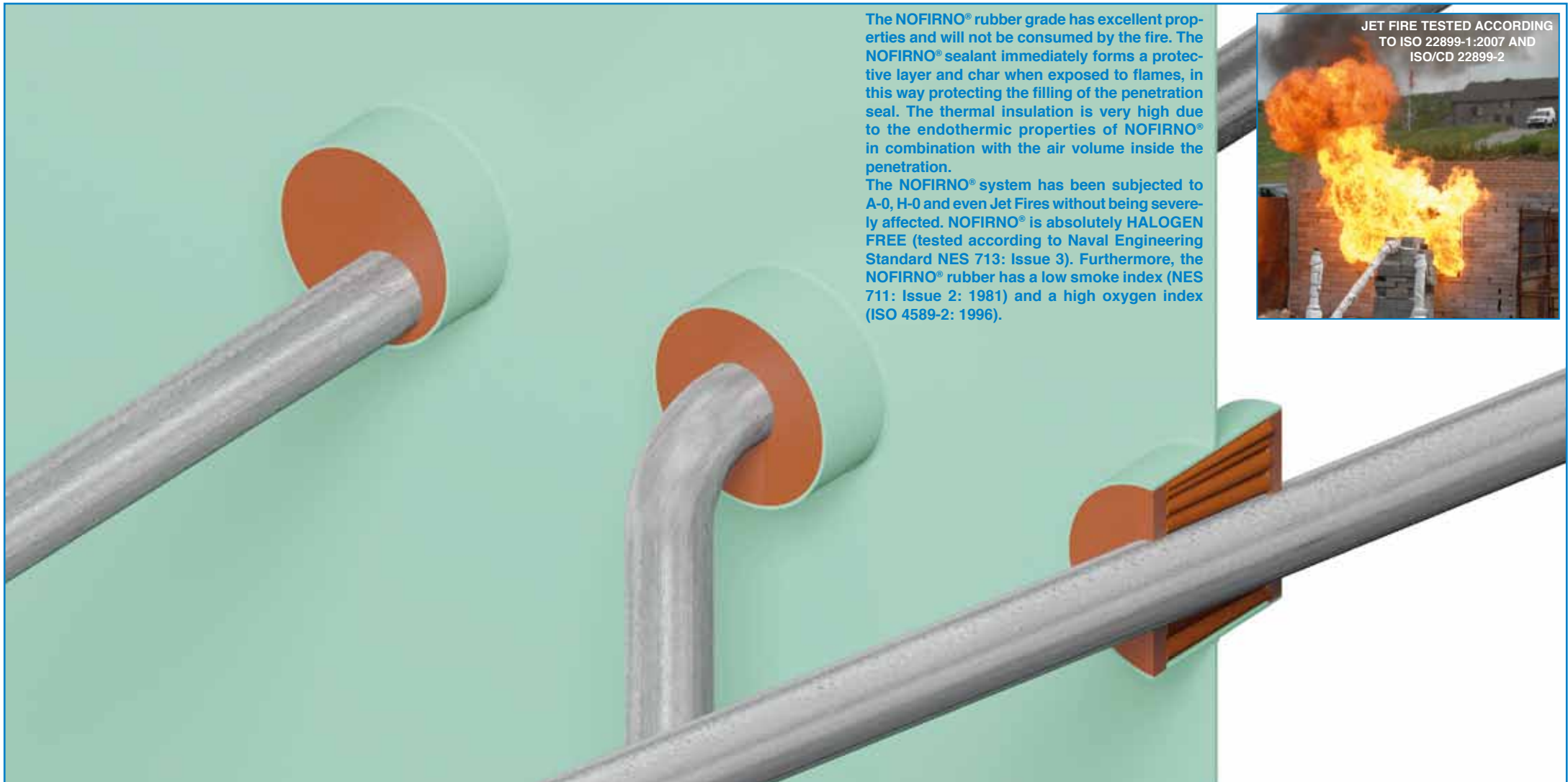


QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP



# NOFIRNO® SEALING SYSTEM

for single pipe transits - centrically, off centre, angled or bent  
extremely fast and simple to install - no corrosion inside the transit  
A-class, H-class and Jet Fire rated - watertight - certified



The NOFIRNO® rubber grade has excellent properties and will not be consumed by the fire. The NOFIRNO® sealant immediately forms a protective layer and char when exposed to flames, in this way protecting the filling of the penetration seal. The thermal insulation is very high due to the endothermic properties of NOFIRNO® in combination with the air volume inside the penetration.

The NOFIRNO® system has been subjected to A-0, H-0 and even Jet Fires without being severely affected. NOFIRNO® is absolutely HALOGEN FREE (tested according to Naval Engineering Standard NES 713: Issue 3). Furthermore, the NOFIRNO® rubber has a low smoke index (NES 711: Issue 2: 1981) and a high oxygen index (ISO 4589-2: 1996).



JET FIRE TESTED ACCORDING  
TO ISO 22899-1:2007 AND  
ISO/CD 22899-2





QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP



# NOFIRNO® SEALING SYSTEM

approved for multi-pipe (steel, copper, GRE/GRP, plastic) transits  
extremely fast and simple to install - space saving system  
for A-class conduit openings up to 1000x300 mm

CLICK ON THE LINK BELOW TO VIEW THE INSTALLATION VIDEO AT:  
[HTTP://WWW.BEELE.COM/MARINE/NOFIRNO-MULTI-PIPE-TRANSITS](http://www.beele.com/marine/nofirno-multi-pipe-transits)





QUALITY, DURABILITY & FUNCTIONALITY  
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# NOFIRNO® SEALING SYSTEM

also suitable for all kinds of special applications  
applicable in any shape of the conduit sleeve/frame

NOFIRNO® is made of a high grade silicone polymer - no aging



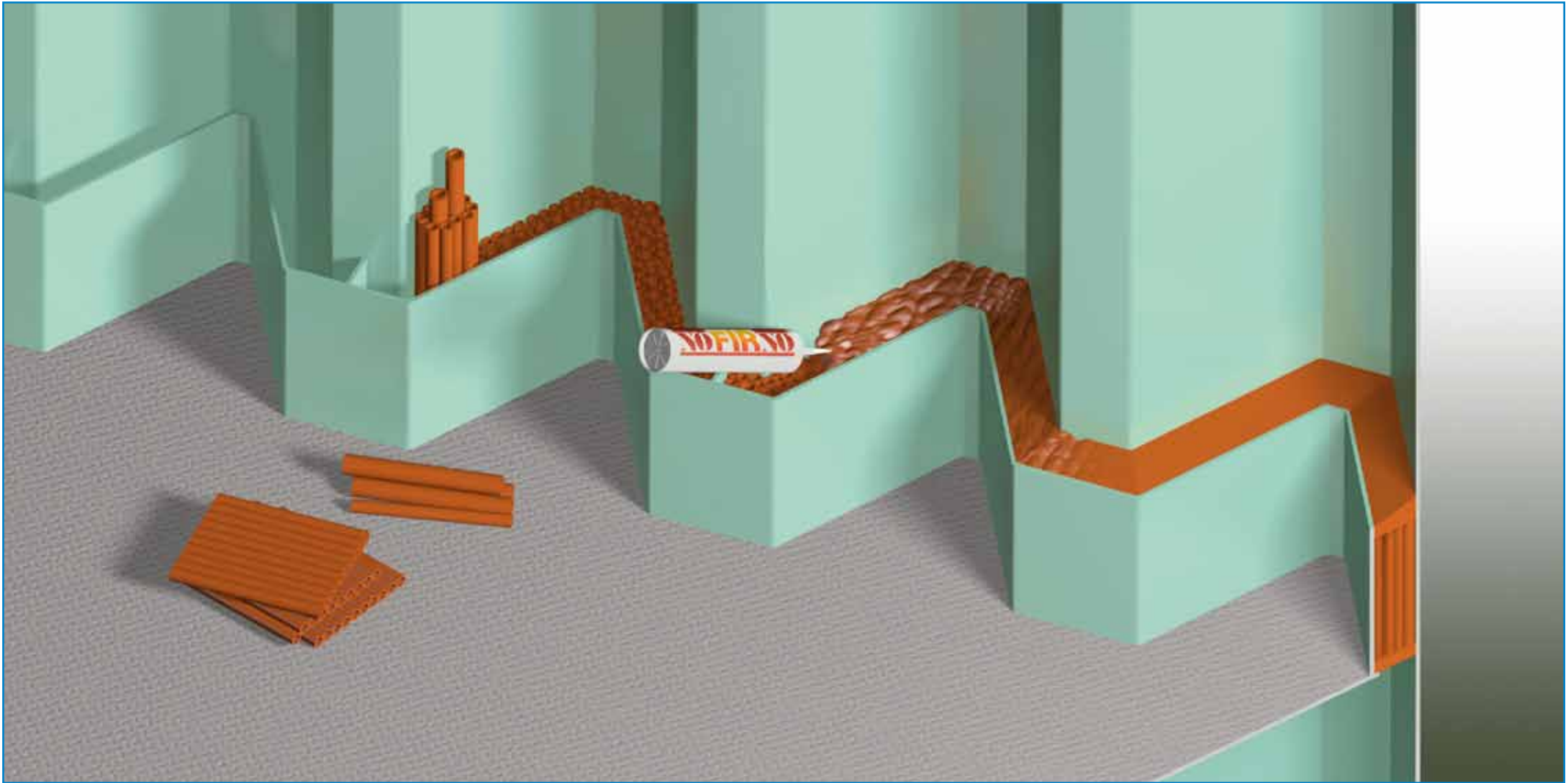


QUALITY, DURABILITY & FUNCTIONALITY  
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# NOFIRNO® GAP SEAL FOR FLOORS

NOFIRNO® multi-filler sleeves & sealant - fast and simple to install  
no extra insulation - no invisible corrosion - long service life  
fire rated - watertight - blast & vibration proof - no fatigue





WE CARE

QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP

CRUSHER

# RISE<sup>®</sup>/ULTRA CRUSHERS<sup>®</sup> + NOFIRNO<sup>®</sup>

for ducting several plastic pipes with varying diameters  
CRUSHERS<sup>®</sup> & NOFIRNO<sup>®</sup> filler sleeves & sealant - that's it  
A-class for multi-plastic pipe transits - certified





QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP

**CRUSHER**

# RISE<sup>®</sup>/ULTRA CRUSHERS<sup>®</sup>

for exact fitting single plastic pipe conduits  
insert CRUSHER<sup>®</sup> & seal off at both sides with NOFIRNO<sup>®</sup> sealant  
A-class conduits for plastic pipes up to 160 mm OD - certified



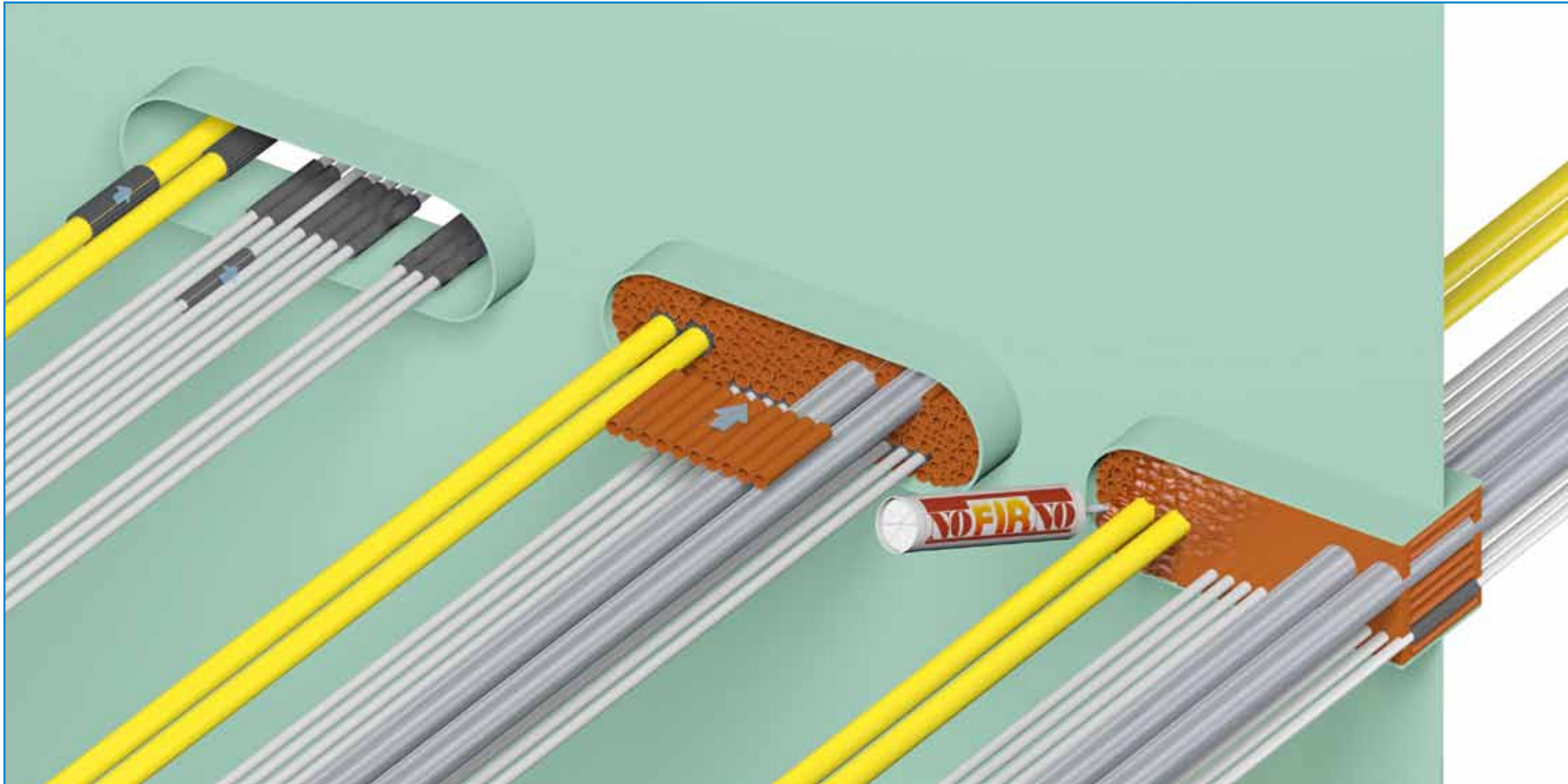


QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP

**RISE CRUSHER**

## NOFIRNO®/multi-all-mix®

unique: for conduits with cables, metallic and plastic pipes  
A-class conduits for cables max. 105 mm, plastic pipes max. 160 mm,  
steel pipes max. 168 mm, copper pipes max. 108 mm OD - certified







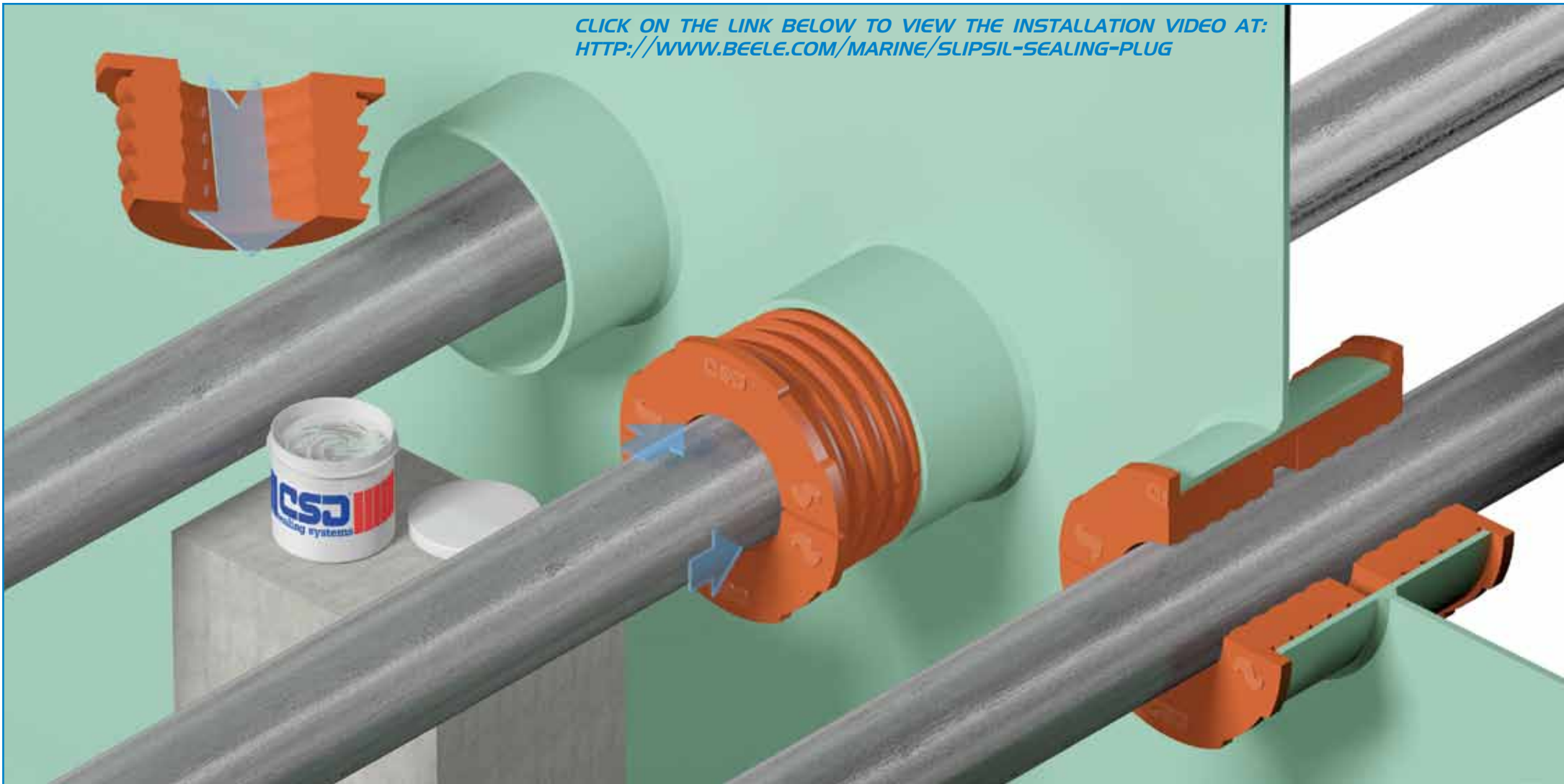
QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP

**slipsil**

# SLIPSIL® SEALING PLUGS

for single pipe (steel, copper, GRE, plastic) and cable transits  
lubricate and push - "that's it" - SLIPSIL® conduit sleeves available  
fire rated - gas & watertight - certified - proven system worldwide

CLICK ON THE LINK BELOW TO VIEW THE INSTALLATION VIDEO AT:  
[HTTP://WWW.BEELE.COM/MARINE/SLIPSIL-SEALING-PLUG](http://www.beele.com/marine/slipsil-sealing-plug)



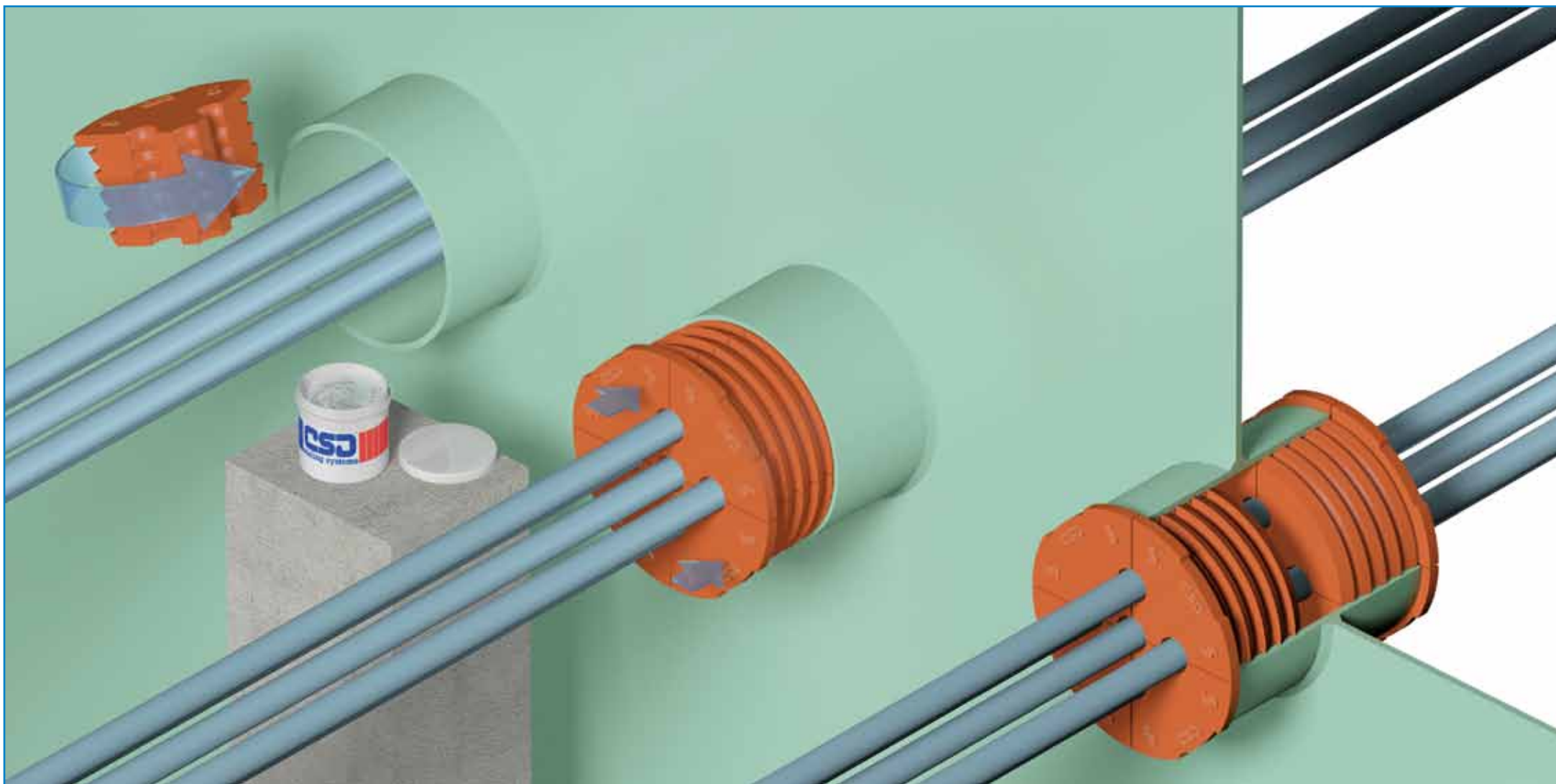


QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP

**slipsil**

# SLIPSIL® MULTI-SEALING PLUGS

for ducting max. 5 same diameter cables/pipes through a conduit  
specially developed for hydraulic and pneumatic lines  
fire rated - gas & watertight - certified





QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP

**slipsil**

# SLIPSIL® SEALING PLUGS

fire stop system for single plastic pipes max. 225 mm OD  
insert CRUSHER® & seal off at both sides with SLIPSIL® plugs  
fire stop system with optimum water tightness - certified





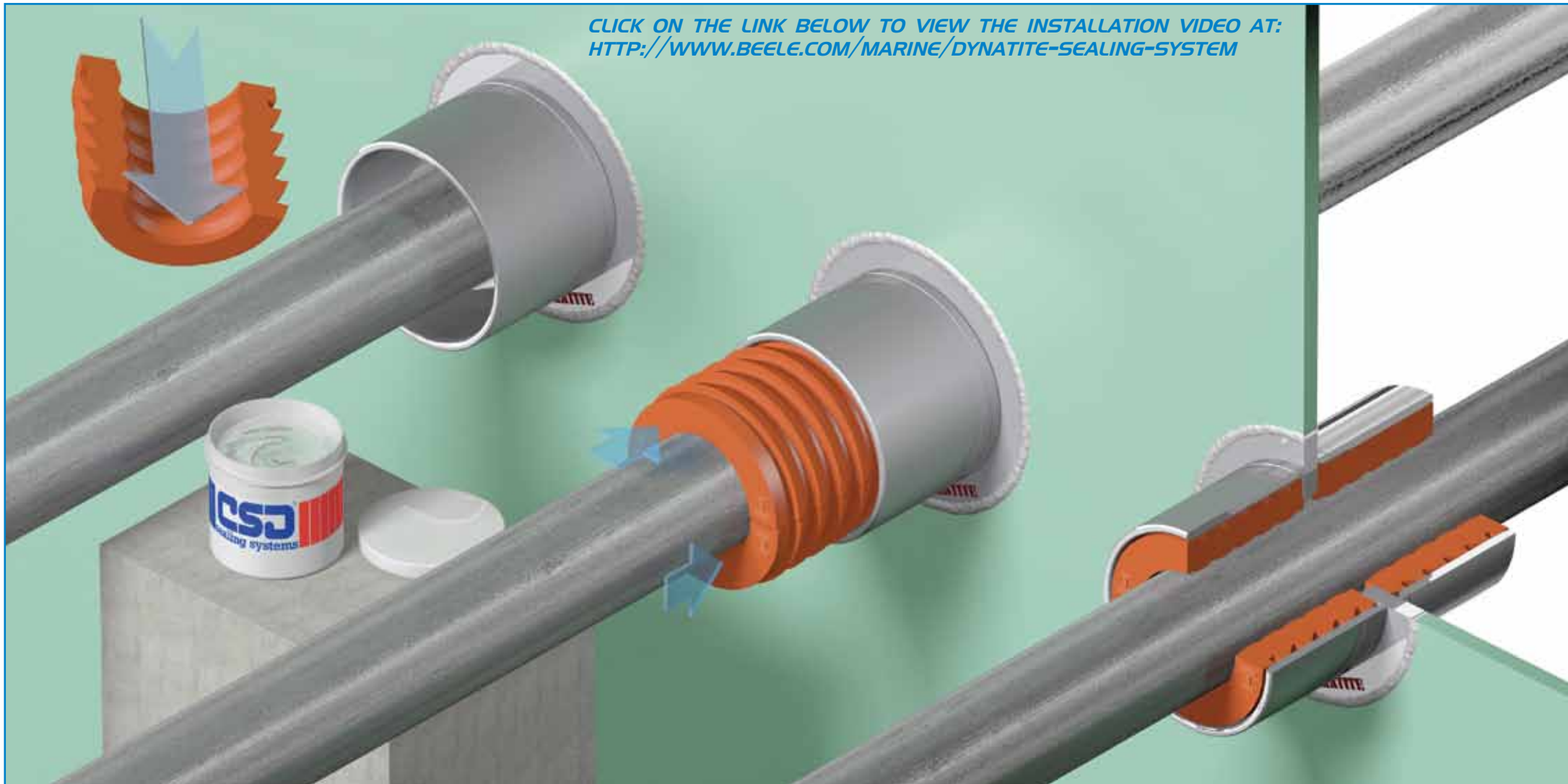


QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP

**DYNATITE**

# DYNATITE® SEALING SYSTEM

for exposure to excessive, instantaneous pressure loads  
dynamic and/or static sealing up to 15 bar  
stainless steel parts 20 years corrosion proof - salt fog tested





QUALITY, DURABILITY & FUNCTIONALITY  
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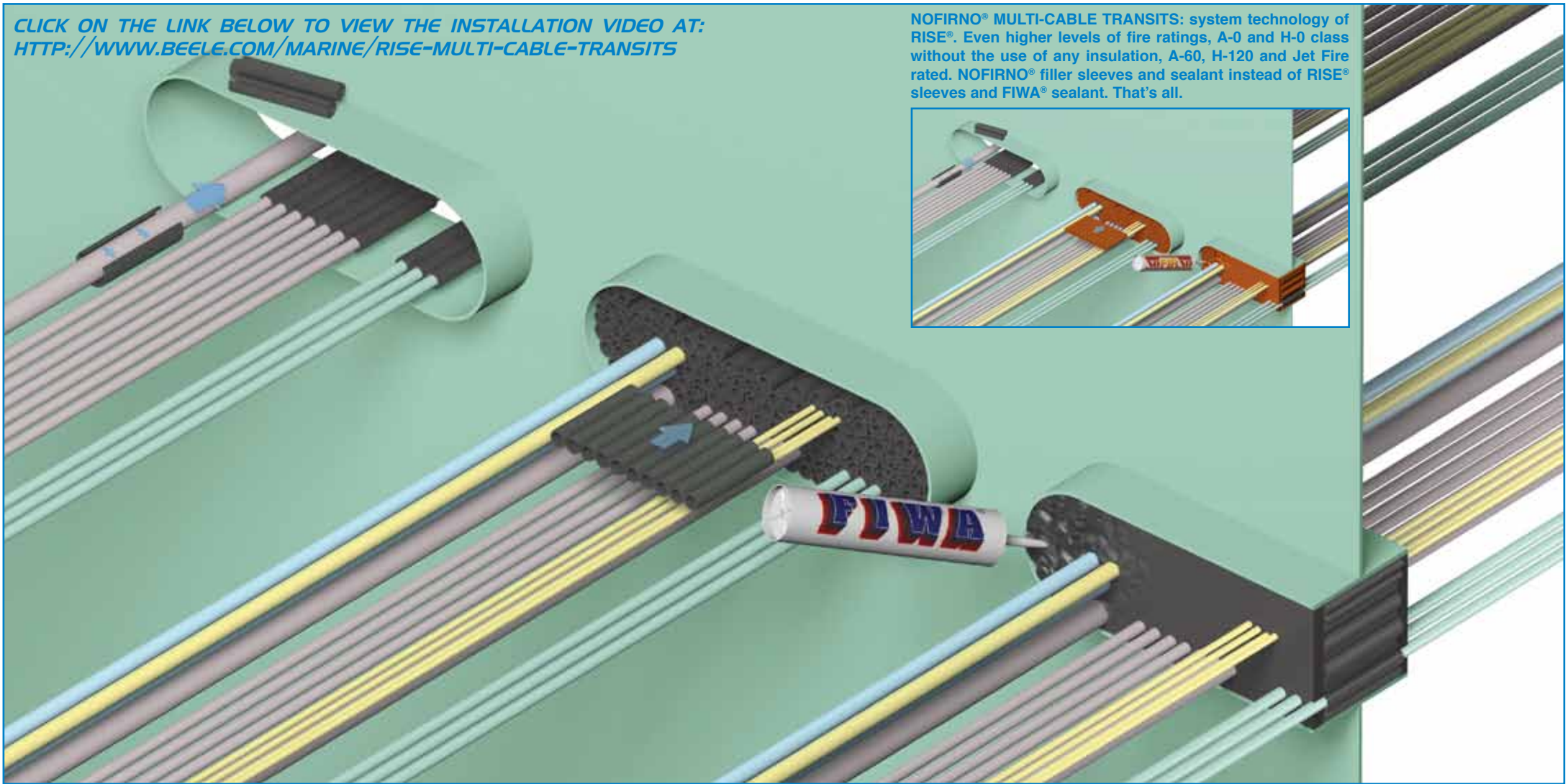
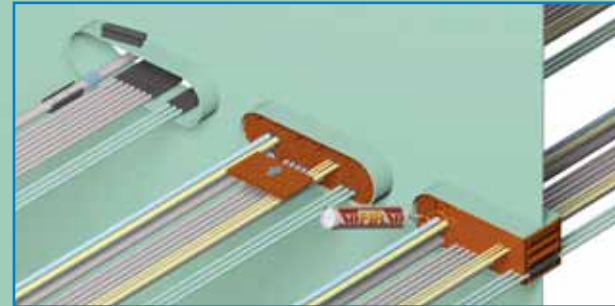


# RISE® MULTI-CABLE TRANSITS

the system of choice on many shipyards worldwide for 20 years  
compact - no special frames - no heavy compression - no aging  
fire rated - watertight - shock proof - bundled cables allowed

CLICK ON THE LINK BELOW TO VIEW THE INSTALLATION VIDEO AT:  
[HTTP://WWW.BEELE.COM/MARINE/RISE-MULTI-CABLE-TRANSITS](http://www.beele.com/marine/RISE-MULTI-CABLE-TRANSITS)

NOFIRNO® MULTI-CABLE TRANSITS: system technology of RISE®. Even higher levels of fire ratings, A-0 and H-0 class without the use of any insulation, A-60, H-120 and Jet Fire rated. NOFIRNO® filler sleeves and sealant instead of RISE® sleeves and FIWA® sealant. That's all.







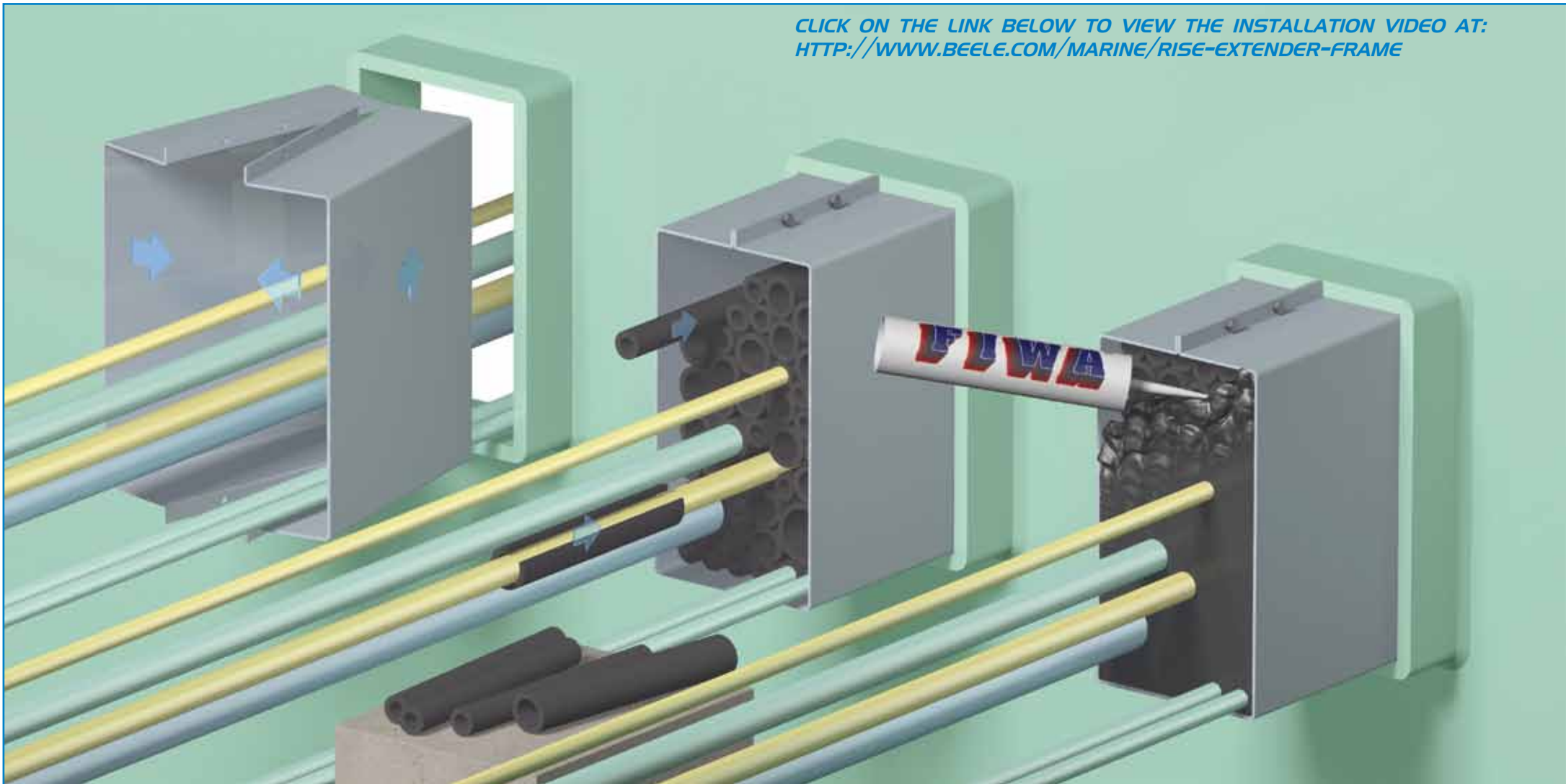
QUALITY, DURABILITY & FUNCTIONALITY  
LONG-TERM VIABILITY AND INTEGRITY  
LOWEST TOTAL COST OF OWNERSHIP



# RISE® EXTEND-A-FRAMES

the certified system for upgrading existing installations  
higher filling capacity (overfilled transits) - improved fire ratings  
also applicable for multi-frame (window) installations

CLICK ON THE LINK BELOW TO VIEW THE INSTALLATION VIDEO AT:  
[HTTP://WWW.BEELE.COM/MARINE/RISE-EXTENDER-FRAME](http://www.beele.com/marine/RISE-EXTENDER-FRAME)







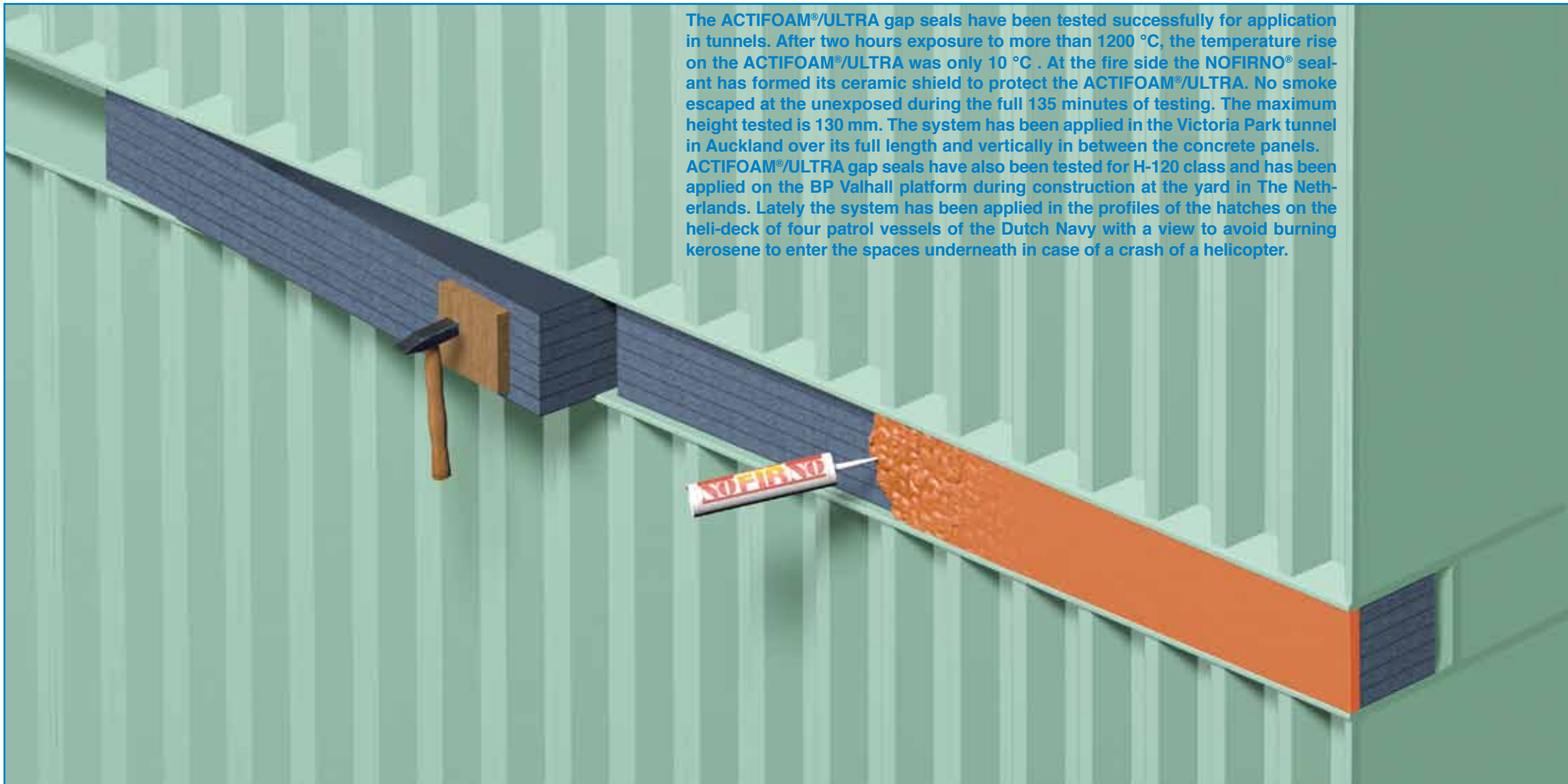
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**ACTIFOAM**

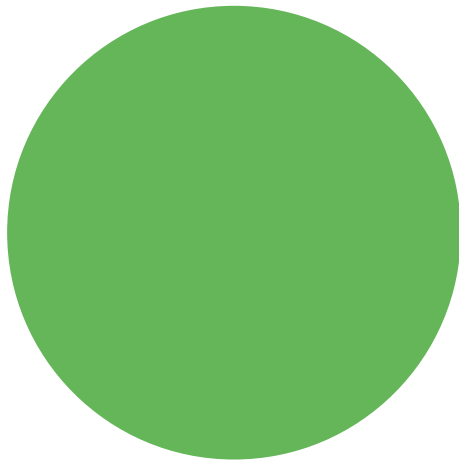
# ACTIFOAM®/ULTRA GAP SEAL

specially developed for gaps between stacked modules

ACTIFOAM® layered with RISE®/ULTRA rubber fitting to the gap  
extremely high thermal insulation under fire load - project approved



The ACTIFOAM®/ULTRA gap seals have been tested successfully for application in tunnels. After two hours exposure to more than 1200 °C, the temperature rise on the ACTIFOAM®/ULTRA was only 10 °C. At the fire side the NOFIRNO® sealant has formed its ceramic shield to protect the ACTIFOAM®/ULTRA. No smoke escaped at the unexposed during the full 135 minutes of testing. The maximum height tested is 130 mm. The system has been applied in the Victoria Park tunnel in Auckland over its full length and vertically in between the concrete panels. ACTIFOAM®/ULTRA gap seals have also been tested for H-120 class and has been applied on the BP Valhall platform during construction at the yard in The Netherlands. Lately the system has been applied in the profiles of the hatches on the heli-deck of four patrol vessels of the Dutch Navy with a view to avoid burning kerosene to enter the spaces underneath in case of a crash of a helicopter.



***WE CARE***

**BEELE ENGINEERING:  
A COMPANY DEDICATED TO SAFETY  
FOR OVER 35 YEARS**

[www.beele.com](http://www.beele.com)



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