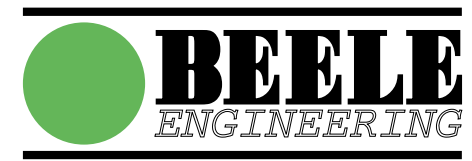


PRODUCTS OF CHOICE: SEALING SYSTEMS FOR CABLE AND PIPE TRANSITS



*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

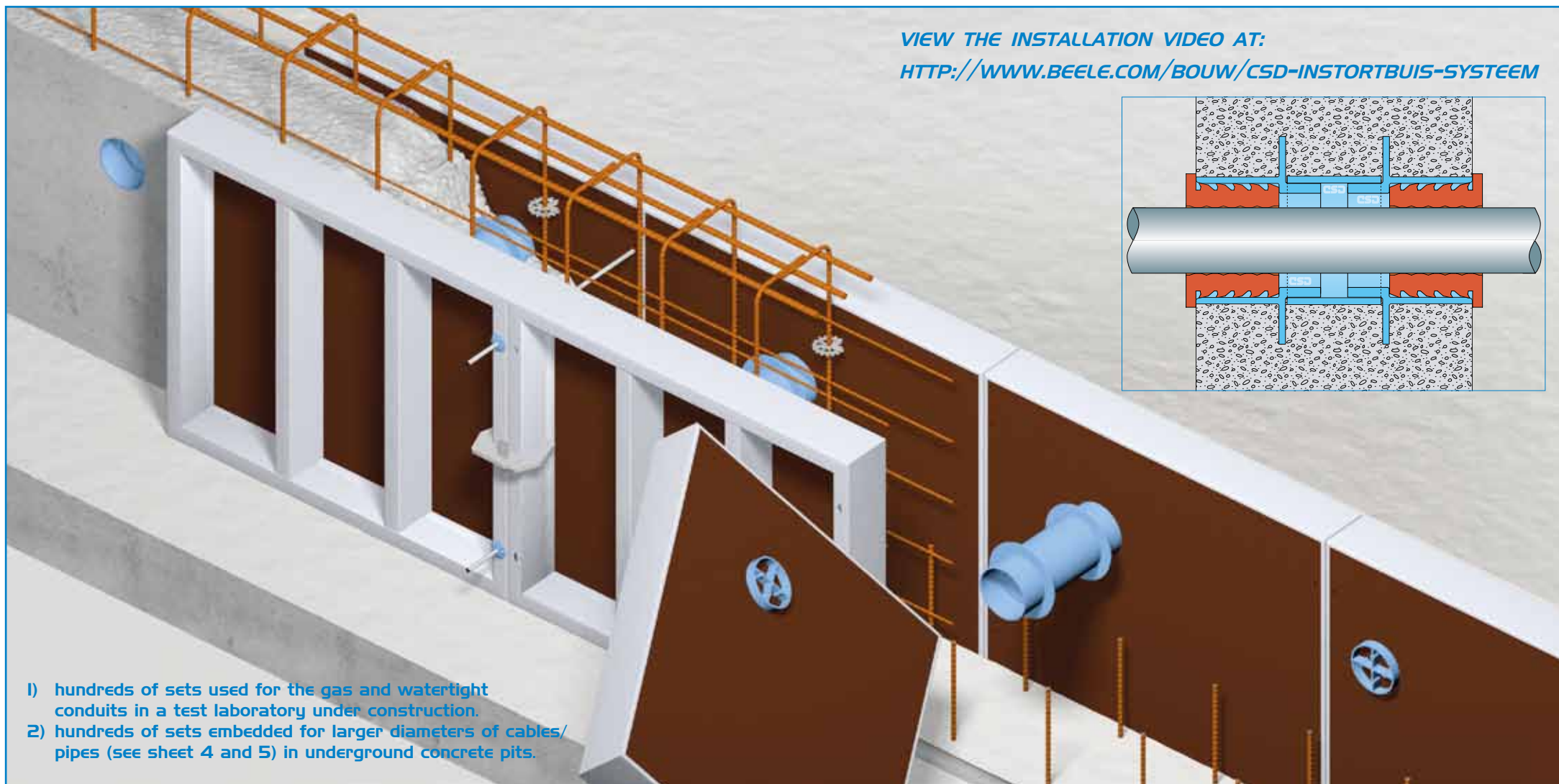


CSD® CONDUIT INLET SYSTEM

modular system to fit to length - dimensioned for the SLIPSIL® plugs
no loose conduit pipes - no water leakage via conduit pipes
made of impact resistant or temperature, fire rated plastics

VIEW THE INSTALLATION VIDEO AT:

[HTTP://WWW.BEELE.COM/BOUW/CSD-INSTORTBUIJS-SYSTEEM](http://www.beele.com/BOUW/CSD-INSTORTBUIJS-SYSTEEM)



- 1) hundreds of sets used for the gas and watertight conduits in a test laboratory under construction.
- 2) hundreds of sets embedded for larger diameters of cables/pipes (see sheet 4 and 5) in underground concrete pits.



QUALITY, DURABILITY & FUNCTIONALITY
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LOWEST TOTAL COST OF OWNERSHIP

slipsil

SLIPSIL® SEALING PLUGS

for single pipe (steel, copper, GRE) and cable transits
lubricate and push - 2.5 bar tightness with CSD® conduits
fire rated E 120/EI 120 (drilled holes/CSD® conduits type HR)

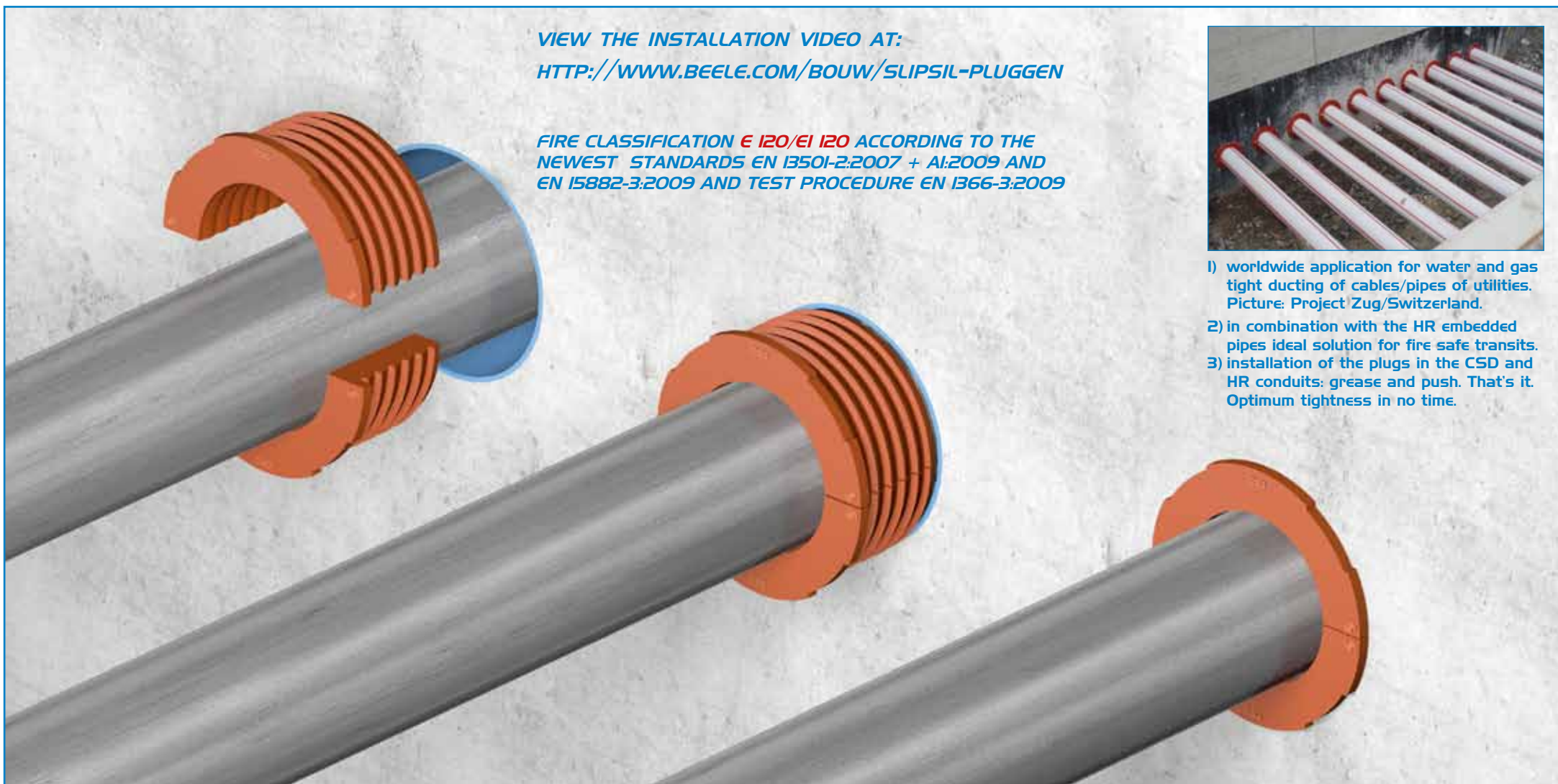
VIEW THE INSTALLATION VIDEO AT:

[HTTP://WWW.BEELE.COM/BOUW/SLIPSIL-PLUGGEN](http://www.beele.com/BOUW/SLIPSIL-PLUGGEN)

FIRE CLASSIFICATION **E 120/EI 120** ACCORDING TO THE
NEWEST STANDARDS EN 13501-2:2007 + A1:2009 AND
EN 15882-3:2009 AND TEST PROCEDURE EN 1366-3:2009



- 1) worldwide application for water and gas tight ducting of cables/pipes of utilities.
Picture: Project Zug/Switzerland.
- 2) in combination with the HR embedded pipes ideal solution for fire safe transits.
- 3) installation of the plugs in the CSD and HR conduits: grease and push. That's it.
Optimum tightness in no time.





QUALITY, DURABILITY & FUNCTIONALITY
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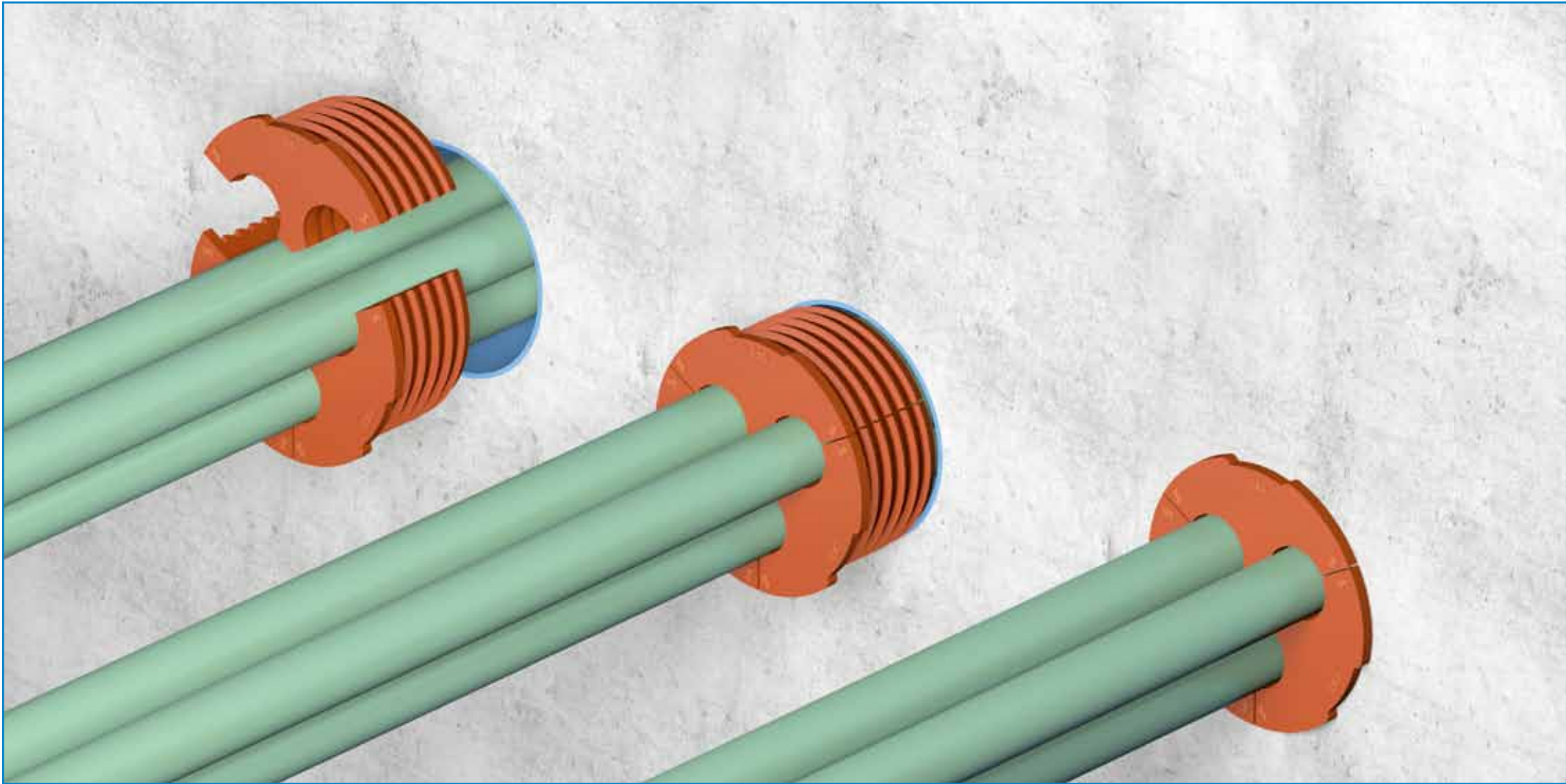
slipsil

SLIPSIL® 3-SEGMENT MULTI-PLUGS

for ducting 3 single core cables up to 44 mm OD

triangle version - no metal parts

electrically insulating rubber grade - no aging aspects





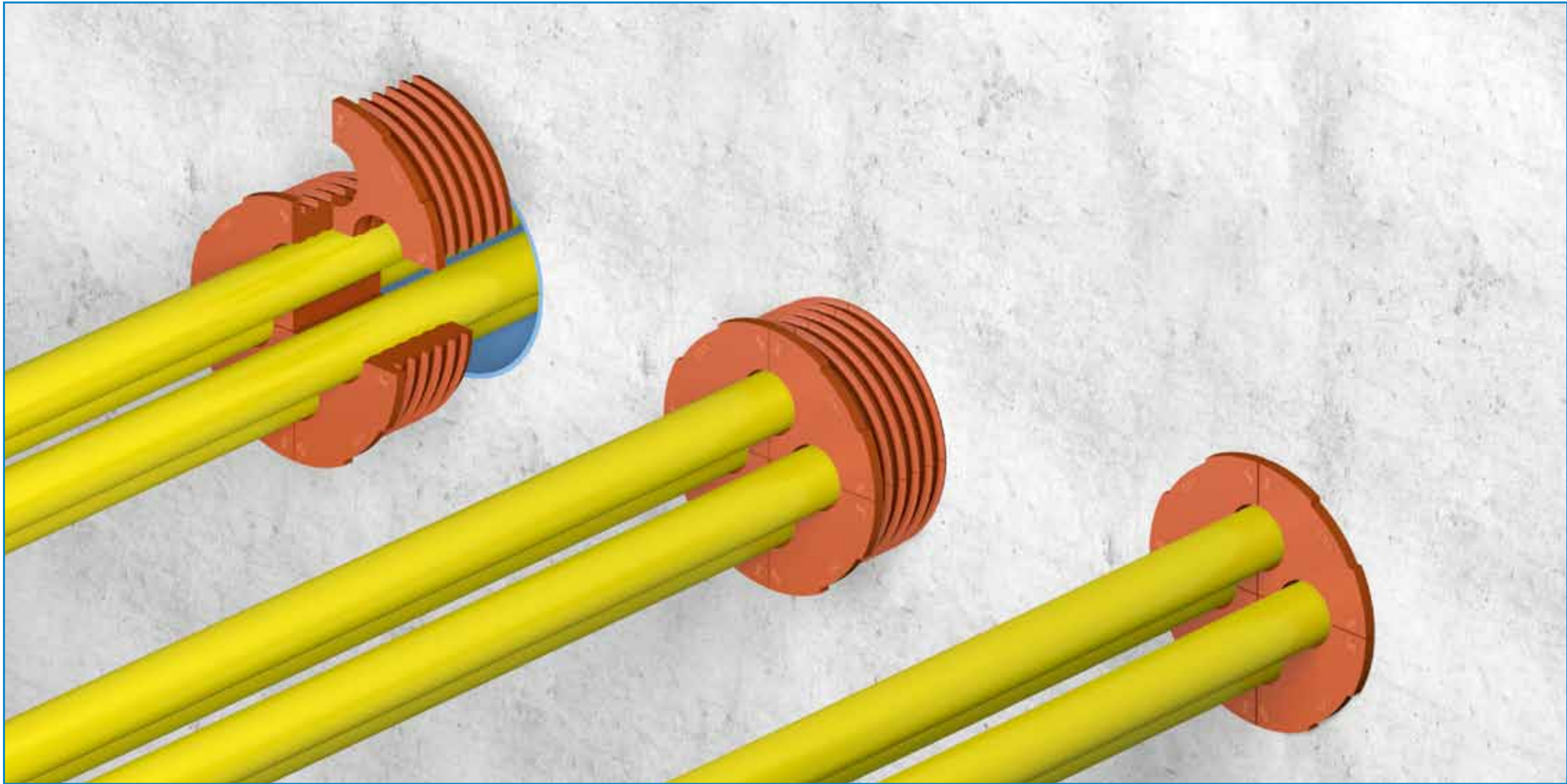
QUALITY, DURABILITY & FUNCTIONALITY
LONG-TERM VIABILITY AND INTEGRITY
LOWEST TOTAL COST OF OWNERSHIP

slipsil

SLIPSIL® 4-SEGMENT MULTI-PLUGS

for watertight ducting 4 HDPE pipes in concrete pits
especially developed for fibre optic cable installations

non-used openings can be blanked off with SLIPSIL® blind adapters





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

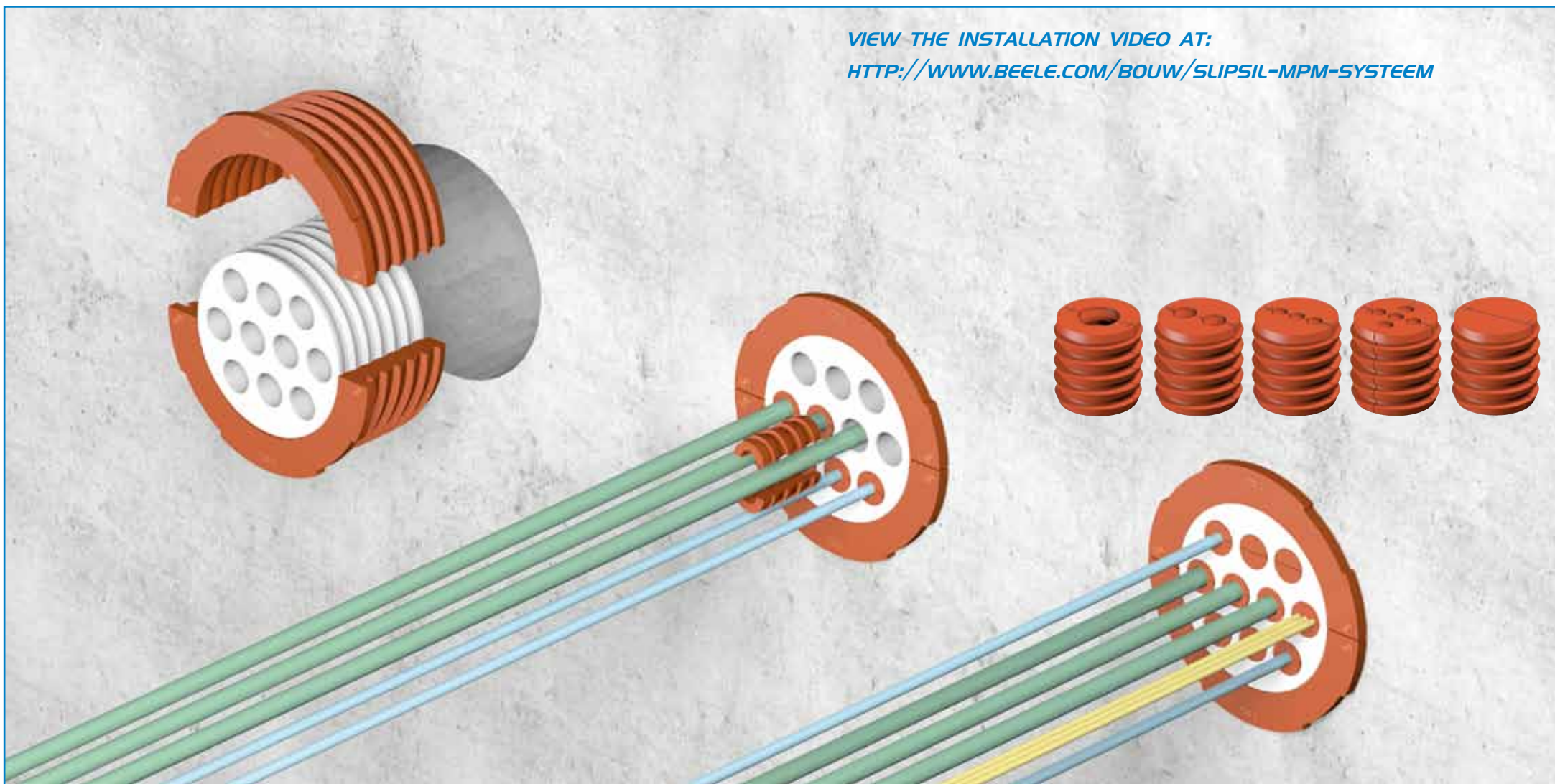
slipsil

SLIPSIL®-MPM SEALING SYSTEM

for watertight ducting cables with various dimensions
MPM modules available with varying hole configurations
DYNATITE® plugs used for the sealing of the cable entries

VIEW THE INSTALLATION VIDEO AT:

[HTTP://WWW.BEELE.COM/BOUW/SLIPSIL-MPM-SYSTEEM](http://www.beele.com/bouw/slipsil-mpm-systeem)





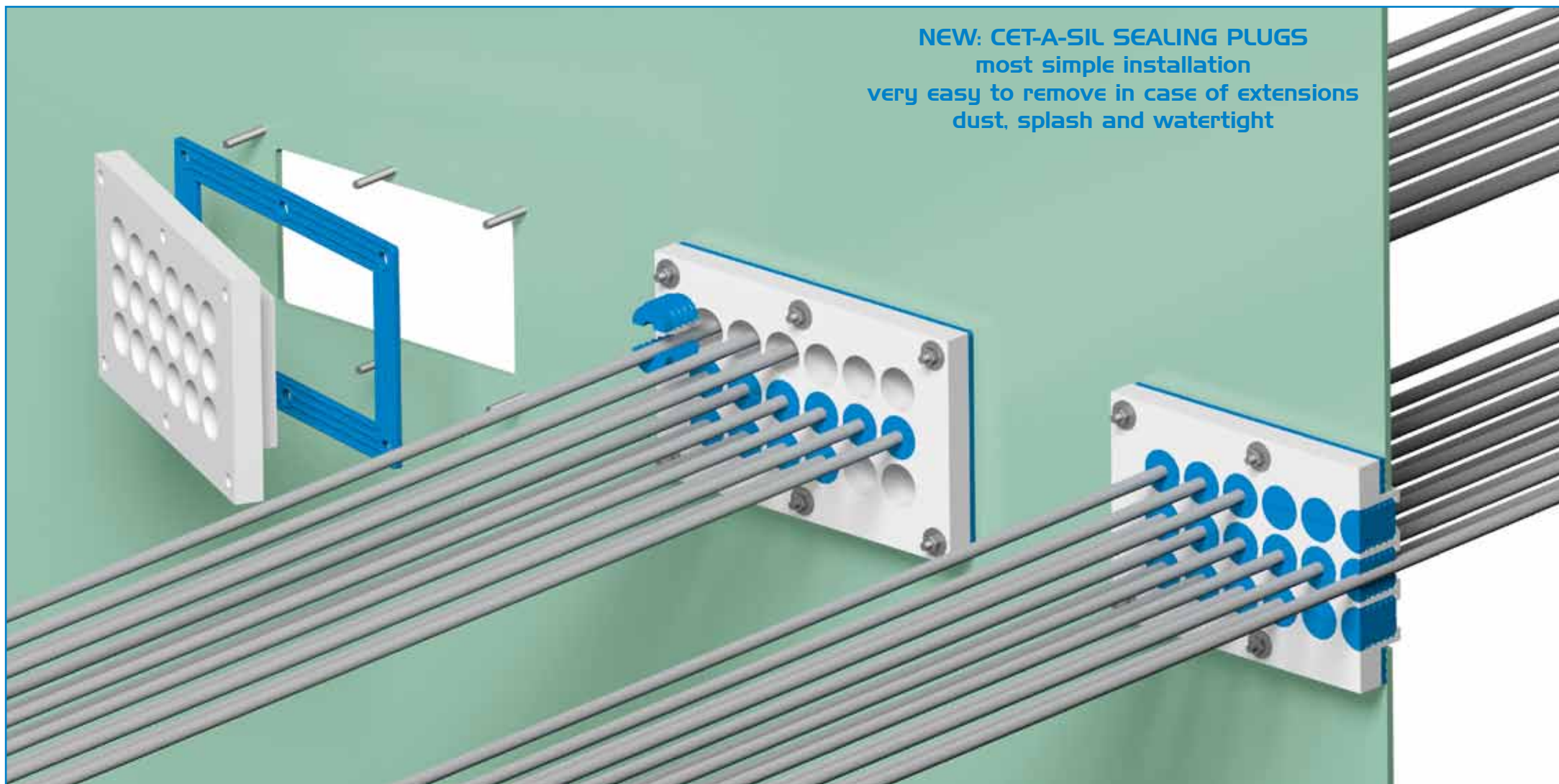
QUALITY, DURABILITY & FUNCTIONALITY
LONG-TERM VIABILITY AND INTEGRITY
LOWEST TOTAL COST OF OWNERSHIP

CET-A-SIL

GLANDMOD - MULTI-GLAND SYSTEM

smart and effective alternative for cable gland systems

plugs/gasket made of NOFIRNO® rubber - body of HMPE plastic
IP 54 rated - 1-2 meter water column tight - various configurations





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

VIEW THE INSTALLATION VIDEO AT:

[HTTP://WWW.BEELE.COM/BOUW/DYNATITE-SEALING-SYSTEM](http://www.beele.com/BOUW/DYNATITE-SEALING-SYSTEM)

- 1) used in the caissons of the Geoje-Busan subsea tunnel in Korea, which are sunk down at a depth of 30 meter (picture project right below on the front page).
- 2) used for high pressure ducts of cables in the ballast areas on board of a series of oil tankers sailing between Valdez Alaska - San Francisco/Los Angeles v.v.





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



NOFIRNO® SEALING SYSTEM

for single metallic pipe transits with largest diameters
extremely fast and simple to install - no corrosion inside the transit
fire rated E I20/EI I20 - Hydrocarbon & Jet Fire tested - watertight

*FIRE CLASSIFICATION E I20/EI I20 ACCORDING TO THE
NEWEST STANDARDS EN 13501-2:2007 + A1:2009 AND
EN 15882-3:2009 AND TEST PROCEDURE EN 1366-3:2009*

- 1) application in the sheetpile walls of the (bio)fuel tank storage terminal of Hydrocarbon Hotel Amsterdam.
- 2) used on a large scale in the power generating plants of TVO in Finland.





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



NOFIRNO® SEALING SYSTEM

for single and multi-pipe (steel, copper, GRE/GRP, plastic) transits
extremely fast and simple to install - no corrosion inside the transit
fire class E I20/EI I20 - Hydrocarbon & Jet Fire proof - watertight

VIEW THE INSTALLATION VIDEO AT:

[HTTP://WWW.BEELE.COM/BOUW/NOFIRNO-MULTI-BUISDOORVOERINGEN](http://www.beele.com/BOUW/NOFIRNO-MULTI-BUISDOORVOERINGEN)

FIRE CLASSIFICATION E I20/EI 90 ACCORDING TO EN 13501-2:2003
AND TEST PROCEDURE EN 1366-3:2004





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



NOFIRNO® MULTI-CABLE TRANSITS

wereldwijd bewezen systeemtechnologie - zeer lange levensduur
brandklasse E I20/EI I20 - Hydrocarbon & Jet Fire proof - waterdicht
schok- en vibratievast - onderhoudsvriendelijk - blijvend flexibel

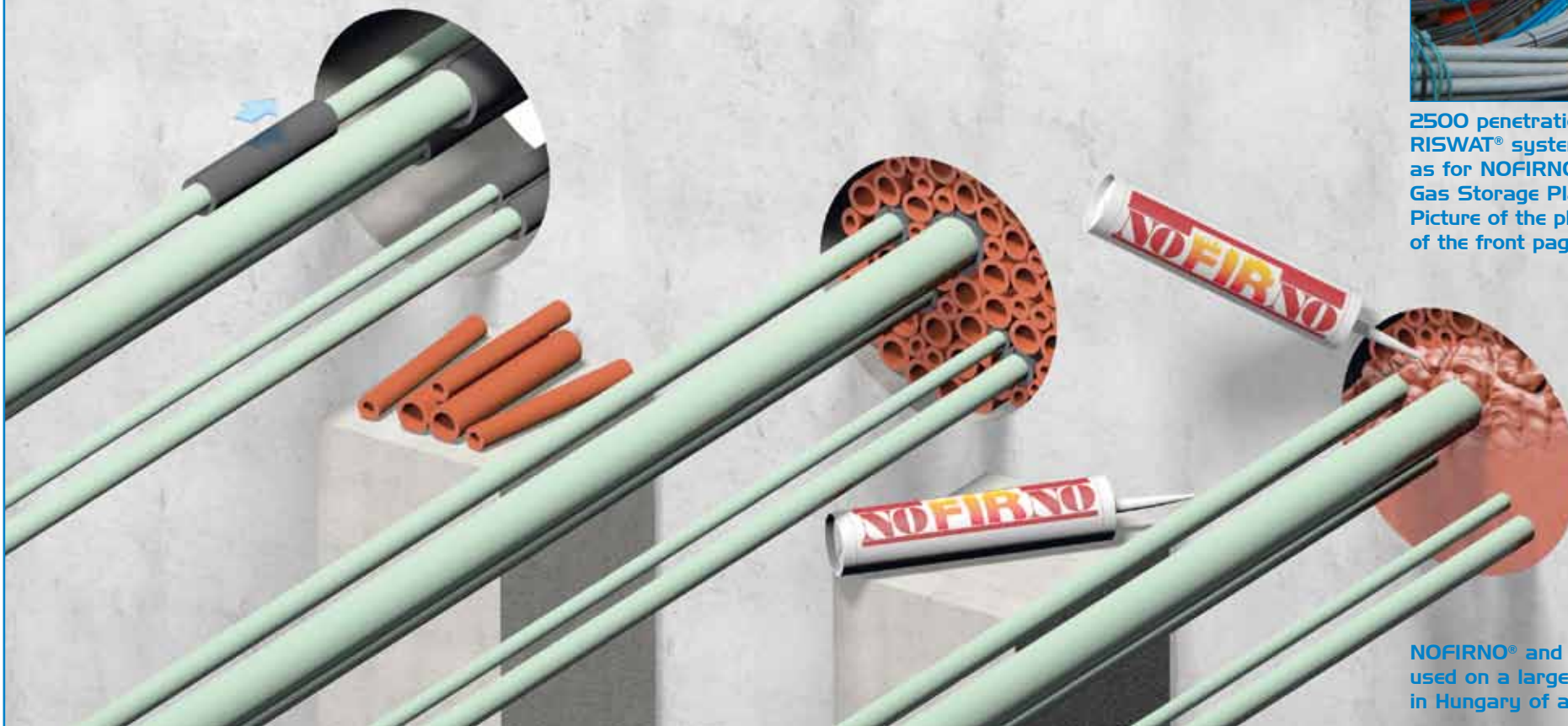
VIEW THE INSTALLATION VIDEO AT:

[HTTP://WWW.BEELE.COM/BOUW/NOFIRNO-KABELDOORVOERINGEN](http://www.beele.com/BOUW/NOFIRNO-KABELDOORVOERINGEN)

FIRE CLASSIFICATION E I20/EI I20 ACCORDING TO EN 13501-2:2003
AND TEST PROCEDURE EN 1366-3:2004



2500 penetrations sealed with the RISWAT® system (similar installation as for NOFIRNO®) in the Easington Gas Storage Plant in England. Picture of the plant at the bottom left of the front page.



NOFIRNO® and SLIPSIL® plugs are used on a large scale in a new factory in Hungary of a Swiss company.



QUALITY, DURABILITY & FUNCTIONALITY
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LOWEST TOTAL COST OF OWNERSHIP

CRUSHER

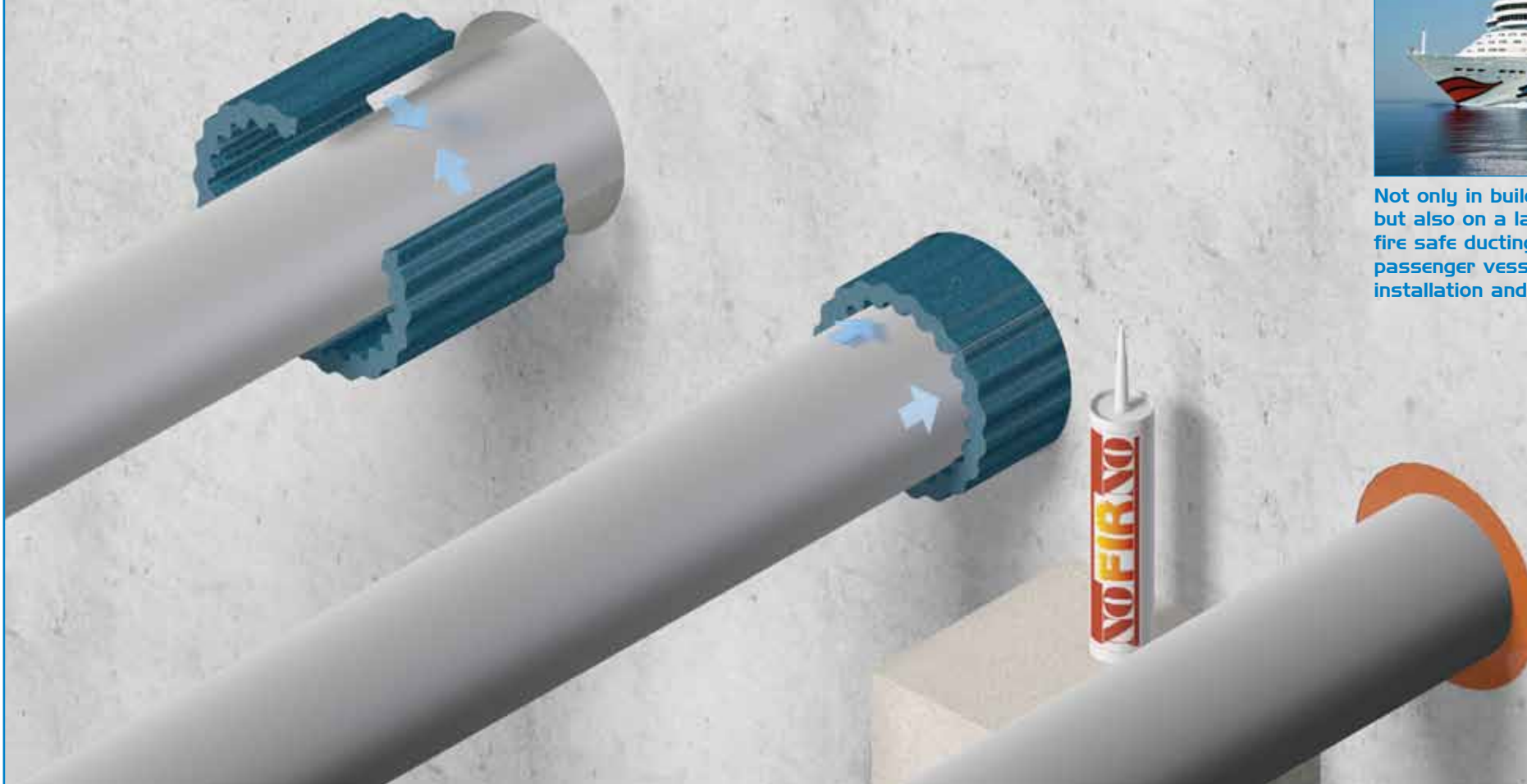
RISE[®]/ULTRA CRUSHERS[®]

for exact fitting single plastic pipe conduits

€ I20/EI I20 conduits for plastic pipes up to 110 mm OD

for oversized conduits use CRUSHER[®] + NOFIRNO[®] sleeves/sealant

*FIRE CLASSIFICATION € I20/EI I20 ACCORDING TO EN 13501-2:2003
AND TEST PROCEDURE EN 1366-3:2004*



Not only in building construction,
but also on a large scale used for
fire safe ducting of plastic pipes on
passenger vessels due to the simple
installation and optimum functionality.



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

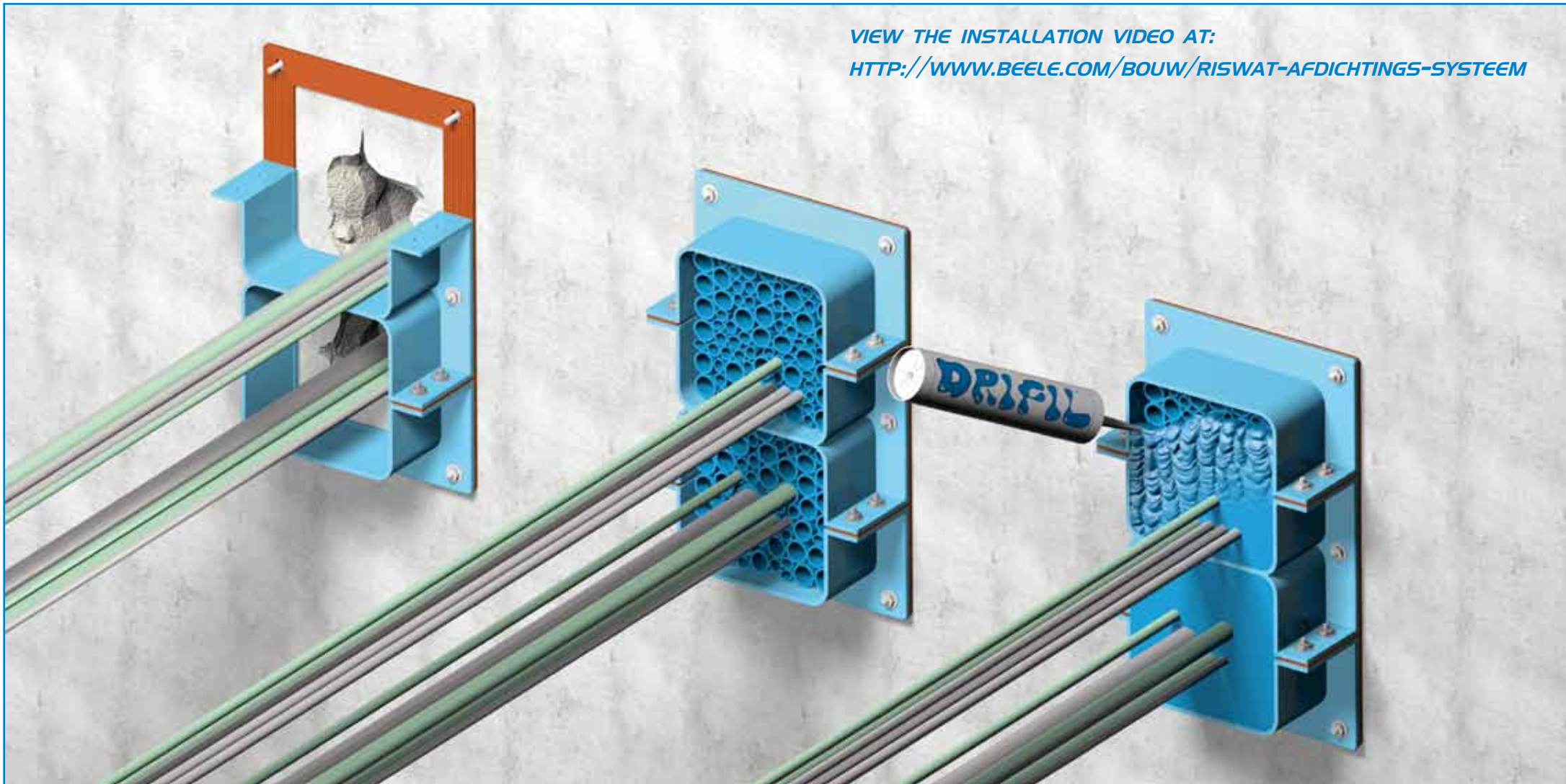


RISWAT® SEALING SYSTEM

for existing leaking conduits - easy to apply - aesthetic
split, modular frames for fixation against the wall/floor
fill frame(s) with RISWAT® sleeves and apply DRIFIL® sealant

VIEW THE INSTALLATION VIDEO AT:

[HTTP://WWW.BEELE.COM/BOUW/RISWAT-AFDICHTINGS-SYSTEEM](http://www.beele.com/BOUW/RISWAT-AFDICHTINGS-SYSTEEM)





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

AQUASTOP

AQUASTOP® SEALING SYSTEM

for existing, continuously leaking conduits

**AQUASTOP® for initial water stopping (adheres to wet surfaces)
dry the concrete and the AQUASTOP® - apply NOFIRNO® sealant**

VIEW THE INSTALLATION VIDEO AT:

[HTTP://WWW.BEELE.COM/BOUW/AQUASTOP-AFDICHTINGS-SYSTEEM](http://www.beele.com/BOUW/AQUASTOP-AFDICHTINGS-SYSTEEM)



used for repairing the leaking pipe
transits in the pump installations of
MWRA in Boston, USA.
Pipe diameters > 1 meter.



QUALITY, DURABILITY & FUNCTIONALITY
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ACTIFOAM

ACTIFOAM[®]/ULTRA GAP SEAL

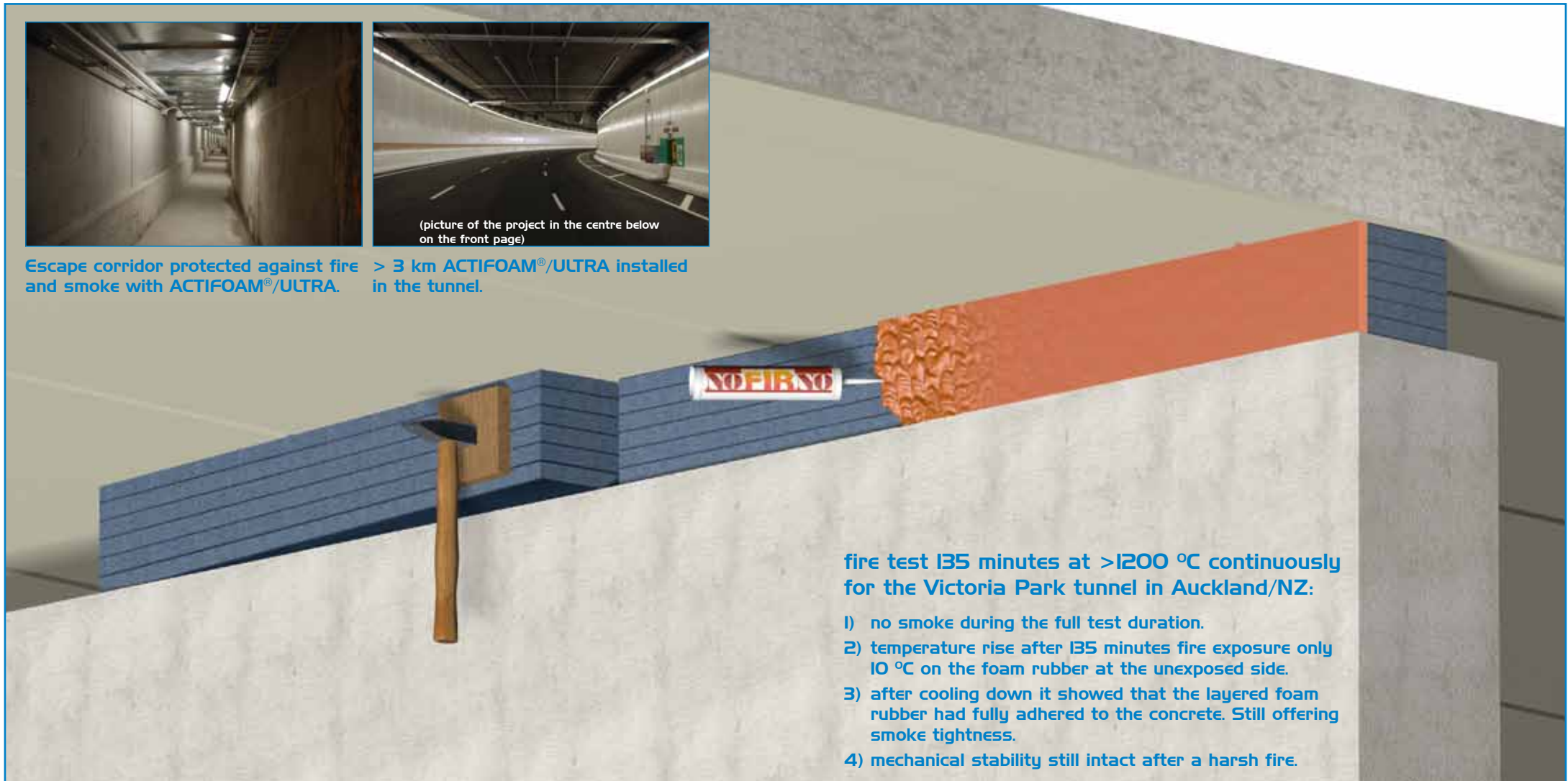
layered ACTIFOAM[®] connected with RISE[®]/ULTRA rubber
extremely high thermal insulation under fire load
highest fire ratings with 20 mm NOFIRNO[®] sealant layer



(picture of the project in the centre below
on the front page)

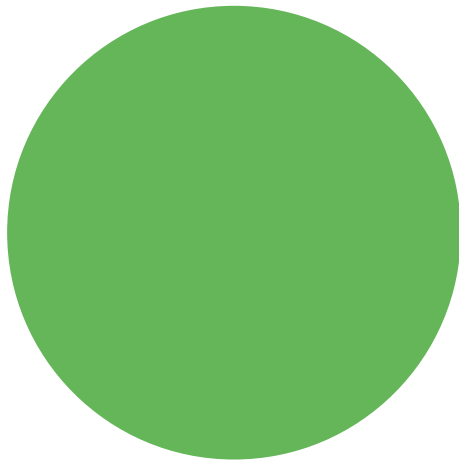
Escape corridor protected against fire
and smoke with ACTIFOAM[®]/ULTRA.

> 3 km ACTIFOAM[®]/ULTRA installed
in the tunnel.



fire test 135 minutes at >1200 °C continuously
for the Victoria Park tunnel in Auckland/NZ:

- 1) no smoke during the full test duration.
- 2) temperature rise after 135 minutes fire exposure only 10 °C on the foam rubber at the unexposed side.
- 3) after cooling down it showed that the layered foam rubber had fully adhered to the concrete. Still offering smoke tightness.
- 4) mechanical stability still intact after a harsh fire.



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