



House lead-ins

Single division | multi division



House lead-ins

Supply lines for gas, water, electricity and telecommunications



Installing pipes through walls – or through floor slabs

Every house needs supply lines for gas, water, electricity and telecommunications. We offer fully certified house lead-ins for every wall structure in accordance with DVGW approval, from black troughs and white troughs to cavity and prefabricated walls.

The house lead-in consists of a shell component and a sealing insert. They cover all utilities, including district and geothermal heating. Do you need a solution for a broadband expansion? Our fibre optic house lead-ins can also be retrofitted.

Savings

With our single-compartment house lead-ins, you can lay various supply lines in your building, from gas, water and electricity to fibre optic connections. Our house lead-ins reliably seal your cables and pipes in accordance with the water exposure. Our solutions are gas-tight and watertight.

If you want to install a house lead-in in a building with a basement, you can also run the cables through the basement wall into the house at a later date. If you are planning your house without a basement, our floor slab entry with integrated wall collar and cable protection conduit is the ideal solution for buildings with a solid floor slab.

Multiple compartments

Our multi-compartment house lead-ins are the ideal solution for your single-family home. This allows you to either run several utilities into your house together or assign individual utilities multiple times. You can also leave a section unoccupied so that it can be occupied later, for example for fibre optic expansion. This means you are also equipped for the future. This compact and integrated design not only saves space, but is also easy on your wallet.

Further advantages:

- Space-saving introduction of supply lines
- Safe gas-tight and watertight installation – with certified testing
- Subsequent reassignment possible without time-consuming work
- Maximum installation safety with Quadro-Sicura[®] products: installation possible without a torque spanner thanks to the turn-stop system

Fibre optic house lead-in

Fibre optic expansion is more topical than ever and will remain so for the future. Unfortunately, safety-relevant factors such as sealing technology are often forgotten. We have a range of products that fulfil every requirement for a professional, sealed connection in your home.

We are the only supplier to offer a foam-free version. We also use tried-and-tested products for fibre optic sealing. We test our house lead-ins ourselves. In addition, we have them approved by reputable testing institutes in order to offer you the best possible safety.

How to find the right product

- Building with or without basement?
- Building with a basement: How is the wall constructed? How thick is the wall?
- How many utilities are to be sealed?
- Which utilities need to be sealed?

Good to know: Many of the products are labelled with symbols to indicate the assignment of the trade seal. It couldn't be easier to install house lead-ins!

The benefits of our house lead-ins

- Versatile solutions for every house connection
- Reliably gas-tight and watertight
- House lead-ins can also be retrofitted without any problems

The secure house connection through the wall or the floor slab

You can run a variety of supply lines into your building using our single-compartment house lead-ins. In most cases, you can also retrofit our single-compartment house lead-ins. Only floor slab house lead-ins for buildings without a basement must be installed before the concrete is poured. With our wall house lead-ins, you can also carry out core drilling at a later date.



Product name:

- BO-PLA80/(L)
- BO-PLA100/(L)
- BO-PLA125/(L)
- BO-PLA150/(L)

BO-PLA(A)/(L)

The BO-PLA floor slab entry system seals on both sides and is suitable for buildings without a basement and with a solid floor slab. The integrated cable protection system fulfils the requirements of energy suppliers and allows cables and pipes to enter safely below the floor slab. It offers more flexibility thanks to individual hose lengths for non-standardised cable and pipe trenches. An intelligent complete system massively minimises plastic waste.

- Floor slab entry with integrated wall collar and cable protection system for buildings without basements
- Installation in watertight concrete structures (class 1 and 2)
- Socket-free installation below the floor slab



Tested



Water
2.5 bar



Gas
1 bar



BO-PLA installation device

The BO-PLA installation device simplifies the installation of a floor slab feed-through. The hose clamp and rubber holder make it possible to attach various pipe elements, and a telescopic steel rod allows the optimum height to be individually set. The taper on the lower ground spike and the widened upper end of the pipe enable optimum hammering.

- High stability thanks to 2 mm walls
- Height-adjustable telescopic pole
- Complementary product to BO-PLA(A)/(L)



FHE(A)-(2)TM/(L)

Flexible house entry with hot-shrink sleeve for mortaring/concreting. Enables gas-tight and watertight insertion of all types of cables or pipes. An expansion sealing coating ensures a better connection with concrete or mortar. Available with cold- or hot-shrink technology on one or both sides.

- Flexible cable protection conduit with rigid PVC spiral and soft PVC sheath
- House lead-in for WU core drilling (class 1 and 2) or openings for mortar installation
- Available with one or two hot-shrink sleeves

Product name:

- FHE20-(2)TM/(L)
- FHE30-(2)TM/(L)
- FHE38-(2)TM/(L)
- FHE45-(2)TM/(L)
- FHE65-(2)TM/(L)
- FHE80-(2)TM/(L)



Quadro-Sicura® Nova E1

The Quadro-Sicura® Nova E1 single-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements. Rigid or flexible DN 75 casing pipes can be connected. The low construction weight enables easy installation.

- Single-compartment house lead-in for buildings with basement, sealing on both sides
- Use in pre-installed wall sleeve or WU core drilling (white trough)
- With additional sealing flange in accordance with DIN 18533 (black trough)



Tested



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Quadro-Sicura® Nova E2

The Quadro-Sicura® Nova E2 single-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements. Rigid or flexible DN 75 casing pipes can be connected. The low construction weight enables easy installation.

- Single-compartment house lead-in for buildings with basement, sealing on both sides
- Use in pre-installed wall sleeve or WU core drilling (white trough)



Tested



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Secure house connection through basement or wall

Our BO-PLA floor slab entry system seals on both sides and is suitable for buildings without a basement and with a solid floor slab. The cable protection system is already integrated, thus fulfilling the requirements of energy suppliers and allowing cables and pipes to pass safely underneath the floor slab. You can find out more about our cable protection systems in the relevant brochure.

Legend:



Tested by ...



Gas- and watertight (up to ... bar)



DVGW-approved



Quadro-Sicura® Nova R1

The Quadro -Secura® Nova R1 single-compartment house lead-in seals on one side and is suitable for installation in buildings without basements. The house lead-ins feature rigid, tear-proof casing pipes to maintain the bending radii, and the media pipe can be replaced at a later date.

- Single-compartment house lead-in for buildings without a basement
- Use in structures still to be constructed from waterproof concrete



Tested



DVGW



FHE(A)-S/(L)

Flexible cable protection conduit as a stable conduit system for outdoor use. ID = 20–110 mm with a standard length of 600 mm. Available with cold- or hot-shrink technology on one or both sides.

- High resistance to chemicals, brine or soil conditions
- Flexible and sturdy cable protection conduit with rigid PVC spiral and soft PVC jacket

Product name:

FHE20-S/(L) FHE65-S/(L)
 FHE30-S/(L) FHE80-S/(L)
 FHE38-S/(L) FHE100-S/(L)
 FHE45-S/(L)



Quadro-Sicura® E-Quick

The Quadro-Sicura® E-Quick single-compartment house lead-in with injection system is available in six versions – for the gas lead-in options from HEK RMA and Schuck, for water, FTTX, electricity and telecommunications – and can be installed without an additional clamping device. This is made possible by the Easy Fix system and the ITL system for optimum contact pressure. This renovation house entry can also be used with standard hollow bricks without backfilling.

- Refurbishment house entry with internal sealing
- With sealing flange to DIN 18533 (black trough)
- Simple installation without additional clamping device



Quadro-Sicura® Quick/X

The Quadro-Sicura® Quick/X single-compartment house lead-in with injection system is the flexible renovation solution and the first choice for new connections in existing buildings. It is designed for use in the most common wall types with sealing in accordance with DIN 18533 W2.1-E or for waterproof concrete core drilling. The Quadro-Sicura® Quick/X is suitable for all cable types or water pipes and the Easy Fix system enables simple, quick and secure installation.

- Refurbishment house entry – the all-rounder
- With sealing flange to DIN 18533 (black trough)
- Simple installation without additional clamping device



Quadro-Sicura® Quick/G

The Quadro-Sicura® Quick/G single-compartment house lead-in with injection system is the flexible renovation solution and the first choice for new connections in existing buildings. Quadro-Sicura® Quick/G enables the simultaneous introduction of gas house lead-in combinations and fibre optic cables/pipes. Quadro-Sicura® Quick/G is available in the variants RMA/Schuck DN 25, VAF Voigt DN 25 and Burger DN 25 + DN 32. The Easy Fix system enables simple, quick and safe installation.

- Refurbishment house lead-in for gas combinations
- With sealing flange to DIN 18533 (black trough)
- Simple installation without additional clamping device

Legend:



Tested by ...



Gas- and watertight (up to ... bar)



DVGW-approved

House lead-ins

Single-compartment house lead-ins



Quadro-Sicura® Quick/O

Quadro-Sicura® Quick/O is the product of choice whenever waste disposal pipes in existing buildings need to be renovated. The single-compartment house lead-in with injection system is suitable for sealing DN 110 and DN 160 sewer pipes. Thanks to the Easy Fix system, installation is quick, easy and safe in the most common wall types with sealing in accordance with DIN 18533 W2.1-E or for waterproof concrete core drilling.

- Refurbishment house entry for waste disposal pipes
- With sealing flange to DIN 18533 (black trough)
- Simple installation without additional clamping device



Quadro-Sicura® Quick/H

The Quadro-Sicura® Quick/H single-compartment house lead-in with injection system promises maximum flexibility and safety and is supplied with a sleeve pipe. It can accommodate either multiple sealing inserts or smooth-walled district heating pipes. In the latter case, sealing is achieved using an adapter sleeve. Rigid or flexible casing pipes can be connected to the sleeve pipe itself. Relining is possible with the Quadro-Sicura® Quick/H.

- Refurbishment house entry with sleeve pipe
- With sealing flange to DIN 18533 (black trough)
- Simple installation without additional clamping device

House lead-ins

Multi-compartment house lead-ins



The safe house connection for multiple utilities

With our multi-compartment house lead-ins, you benefit from maximum safety in every respect. The majority of our house lead-ins are DVGW-approved and guaranteed gas-tight and watertight. To ensure that nothing goes wrong during installation, you can install some of our house lead-ins with the Turn Stop System without the need for a torque spanner. And you are also equipped for the future, as you can retrofit our house lead-ins at a later date.



BO-PLA(A)/(L)

The BO-PLA floor slab entry system seals on both sides and is suitable for buildings without a basement and with a solid floor slab. The integrated cable protection system fulfils the requirements of energy suppliers and allows cables and pipes to enter safely below the floor slab. It offers more flexibility thanks to individual hose lengths for non-standardised cable and pipe trenches. The intelligent complete system massively minimises plastic waste.

- Floor slab entry with integrated wall collar and cable protection system for buildings without basements
- Installation in watertight concrete structures (class 1 and 2)
- Socket-free installation below the floor slab



Tested



Water
2.5 bar



Gas
1 bar

Product name:

BO-PLA80/(L)
BO-PLA100/(L)
BO-PLA125/(L)
BO-PLA150/(L)



BO-PLA installation device

The BO-PLA installation device simplifies the installation of a foundation entry. The hose clamp and rubber holder make it possible to attach various pipe elements, and a telescopic steel rod allows the optimum height to be individually set. The taper on the lower ground spike and the widened upper end of the pipe enable optimum hammering.

- High stability thanks to 2 mm walls
- Height-adjustable telescopic pole
- Complementary product to BO-PLA(A)/(L)

Do you need a different solution?

We can also manufacture your customised house lead-in. Please feel free to contact us. To find your personal contact on our website, simply scan the QR code with your mobile phone.



Legend:



Tested
by ...



Gas- and watertight
(up to ... bar)



Quadro-Sicura® Nova 1

The Quadro-Sicura® Nova 1 multi-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements. The house lead-ins are electrically non-conductive thanks to their high-performance plastic construction. The low construction weight enables easy installation.

- Multi-compartment house lead-in for buildings with basements
- Use in pre-installed wall sleeve or WU core drilling (white trough)
- With additional sealing flange to DIN 18533 (black trough)



Tested



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Quadro-Sicura® Nova 1/wide

The Quadro-Sicura® Nova 1/wide multi-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements. The house lead-ins are electrically non-conductive thanks to their high-performance plastic construction. The low construction weight enables easy installation.

- Multi-compartment house lead-in for buildings with basements, ideal for cavity/prefabricated walls
- Use in pre-installed wall sleeve or WU core drilling (white trough)
- With additional sealing flange in accordance with DIN 18533 (black trough)



Tested



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Quadro-Sicura® Nova 2

The Quadro-Sicura® Nova 2 multi-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements and is made of high-performance plastic, making it electrically non-conductive. The low construction weight enables easy installation.

- Multi-compartment house lead-in for buildings with basements
- Use in pre-installed wall sleeve or WU core drilling (white trough)



Tested



DVGW



Quadro-Sicura® Nova 1-M

The Quadro-Sicura® Nova 1-M multi-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements. The house lead-ins are electrically non-conductive thanks to their high-performance plastic construction. The low construction weight enables easy installation.

- Multi-compartment house lead-in for buildings with basements; for multiple occupancy of different utilities
- Use in pre-installed wall sleeve or WU core drilling (white trough)
- With additional sealing flange to DIN 18533 (black trough)



Tested



DVGW



Quadro-Sicura® Nova 2-M

The Quadro-Sicura® Nova 2-M multi-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements. The house lead-ins are electrically non-conductive thanks to their high-performance plastic construction. The low construction weight enables easy installation.

- Multi-compartment house lead-in for buildings with basements; for multiple occupancy of different utilities
- Use in pre-installed wall sleeve or WU core drilling (white trough)



Tested



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Did you know that ...

... Quadro-Sicura® multi-compartment house lead-ins are characterised, among other things, by their extremely simple installation? For example, the integrated Turn Stop System makes the use of a torque spanner superfluous.

Legend:



Tested by ...



Gas- and watertight (up to ... bar)



DVGW-approved

House lead-ins

Multi-compartment house lead-ins



Quadro-Sicura® Nova 1-FW

The Quadro-Sicura® Nova 1-FW multi-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements.

- Multi-compartment house lead-in for buildings with basements; for district/geothermal heating utilities
- Use in pre-installed wall sleeve or WU core drilling (white trough)
- With additional sealing flange to DIN 18533 (black trough)



Tested



Quadro-Sicura® Nova 2-FW

The Quadro-Sicura® Nova 2-FW multi-compartment house lead-in seals on both sides and is suitable for installation in buildings with basements.

- Multi-compartment house lead-in for buildings with basement; for district heating/geothermal heating utilities
- Use in pre-installed wall sleeve or WU core drilling (white trough)



Tested



Quadro-Sicura® Nova R4

The Quadro-Sicura® Nova R4 multi-compartment house lead-in as a series version seals on one side and is suitable for installation in buildings without basements. The house lead-ins feature rigid and tear-proof casing pipes to maintain the bending radii. The media pipe can be replaced at a later date.

- Multi-compartment house lead-in in a series design for buildings without basements
- Use in structures still to be constructed from waterproof concrete
- Also available in the versions Quadro-Sicura® Nova R3 and R2



Tested



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House lead-ins

Fibre optic house lead-ins



The future-proof home connection for fast Internet

The expansion of fibre optics in Germany is gathering pace. To ensure that the fibre optic connection to your home (FTTH) is professionally sealed, we have developed a variety of products to meet every requirement.

We are the only supplier to offer a foam-free version. We also use tried-and-tested products for fibre optic sealing. Our house lead-ins are tested both internally and externally by independent testing institutes in order to offer our customers the best possible safety.



Fibre optic house lead-in SPE16

With this product, we make fibre optic installation efficient and safe. Above all, the extremely fast installation and the fact that the use of mechanical pressing eliminates the need for foaming are impressive.

- Retrofit fibre optic sealing entry for full bore in waterproof concrete (class 1 and 2) with a diameter of 25 mm
- Flexible rubber nipple for speed pipes (1x speed pipes 7–14 mm or 3x speed pipes 5–7 mm)
- Suitable for black troughs with liquid-applied sealants in accordance with DIN 18533 for non-pressing (W1) and moderately pressing water (W2.1-E)
- Available in 2 standard sizes, suitable for fibre optic cables



MFPA
Leipzig



1 bar



100–1200
mm

Product name:

SPE16/1x(7-14)/700
SPE16/1x(7-14)/1200
SPE16/3x7/700
SPE16/3x7/1200



GPD-FTTH house insertion set

Split version with 60 mm rubber thickness. The product set includes a fibre optic cable cover to cover the drill hole in the interior. It is ideal for sealing fibre optic cables with an outer diameter of 7 mm and 10 mm in a hole or wall sleeve with an inner diameter of 25 mm. Both holes have blind plugs. The product is also suitable for retrofitting.

- Quick and easy installation without foam or epoxy resin
- Optimum bending radius for fibre optic cables in the fibre optic cover
- Dismantling is possible at any time



Water
2.5 bar



Gas
1 bar

Would you like to know more?

You can find further information in the product data sheets and installation instructions in the download area of our website. Scan the QR code to get there.



Legend:



Tested
by ...



Gas- and watertight
(up to ... bar)



Wall thicknesses
from ... - ... mm

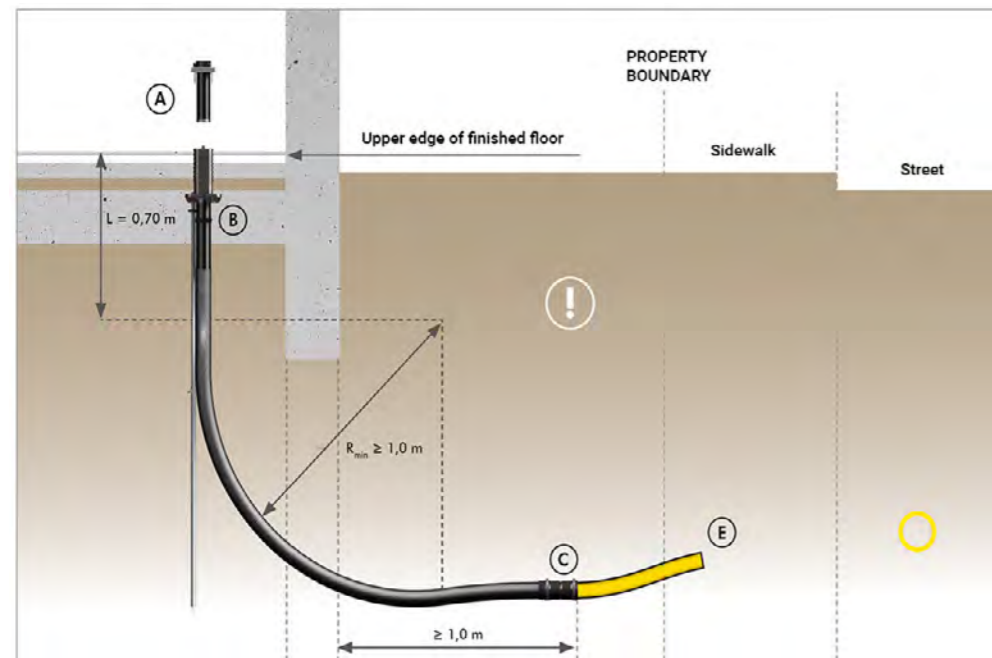


DVGW-
approved

Installation situations

See our services for yourself in real-life application: the following installation situations illustrate our reliable solutions.

Quadro-Sicura® Nova R1

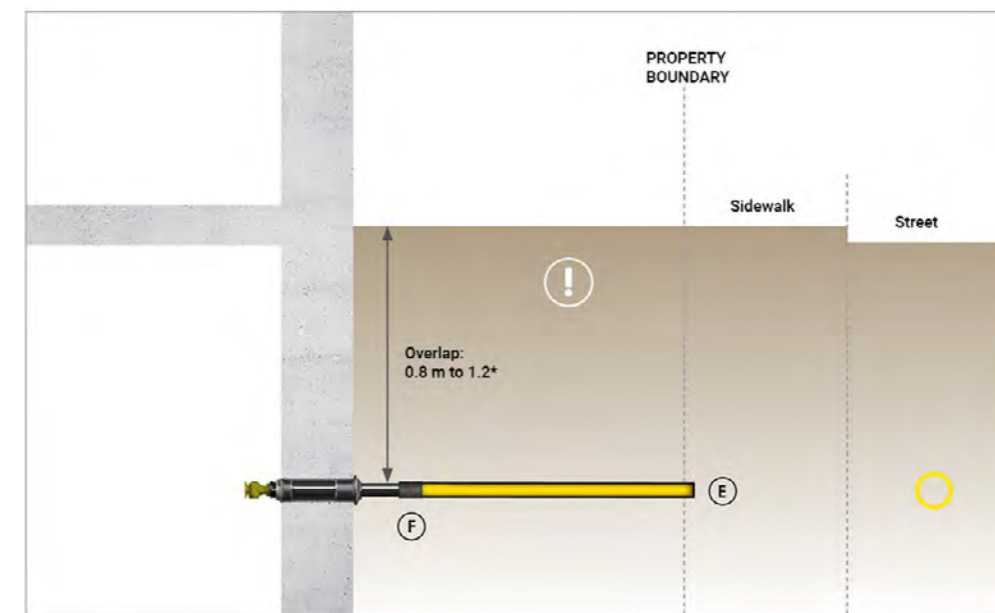


ATTENTION!

No inspection shafts, drainage pipes or other lines may be laid in the area of the house connection route.

It is also technically possible to extend the rigid protective pipes under the floor slab, but please always consult your utility company.

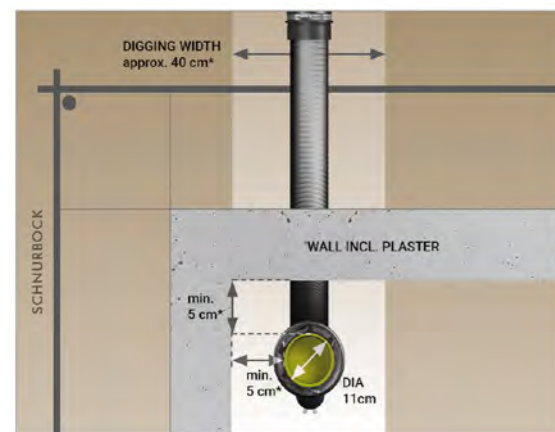
Quadro-Sicura® E1/wide



ATTENTION!

No inspection shafts, drainage pipes or other lines may be laid in the area of the house connection route.

Positioning the body shell

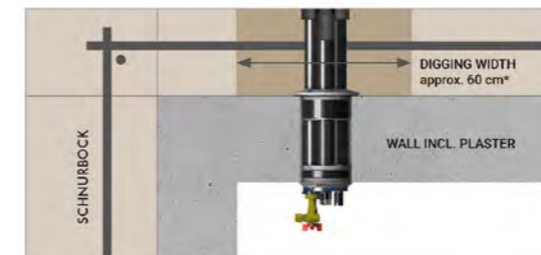


IMPORTANT!

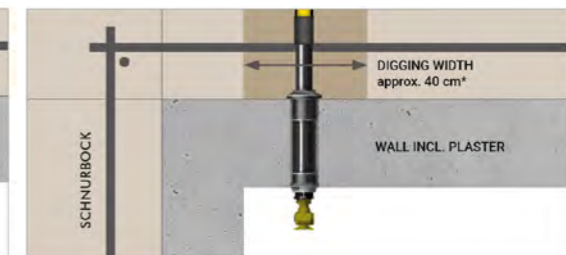
The grid operators are responsible for the installation of the respective house connections!

* Please coordinate the exact dimensions with your utility company.

Positioning Quadro Secura® Nova 1/wide



Positioning Quadro-Sicura® E1/wide



IMPORTANT!

The grid operators are responsible for the installation of the respective house connections!

* Please coordinate the exact dimensions with your utility company.

Legend:

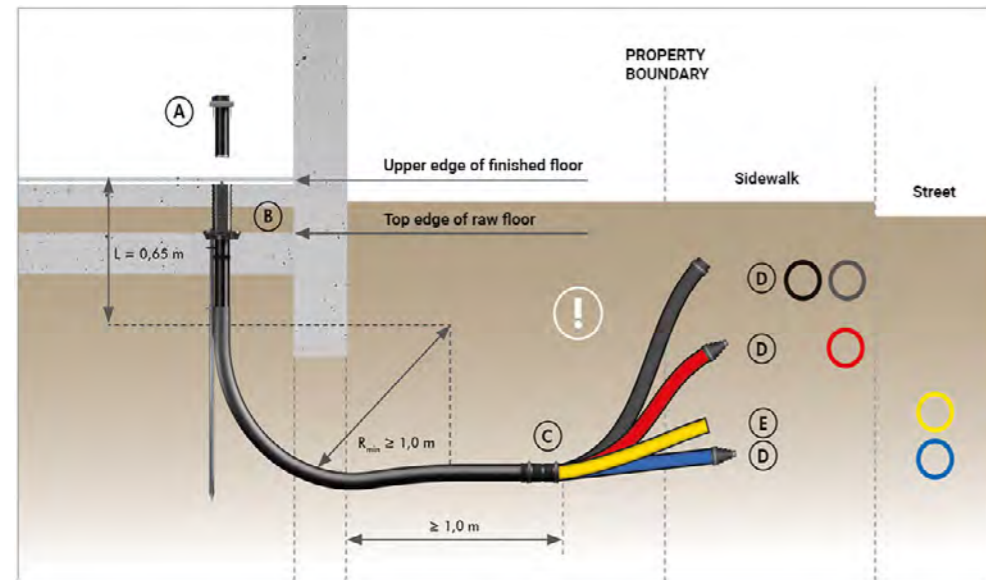
- Telecomm.
- Electricity
- Water
- Installation part
- Connection sleeves
- Gas ring plug
- Cable television
- Gas
- Body shell
- Jacket pipe end plugs
- Double socket

Installation situations

See our services for yourself in real-life application: the following installation situations illustrate our reliable solutions.

For buildings without a basements

Quadro-Sicura® Nova R4

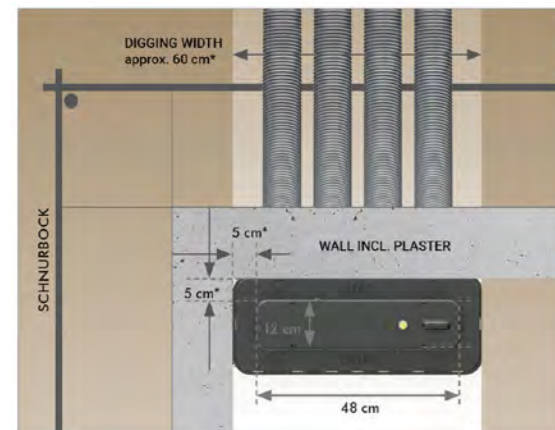


ATTENTION!

No inspection shafts, drainage pipes or other lines may be laid in the area of the house connection route.

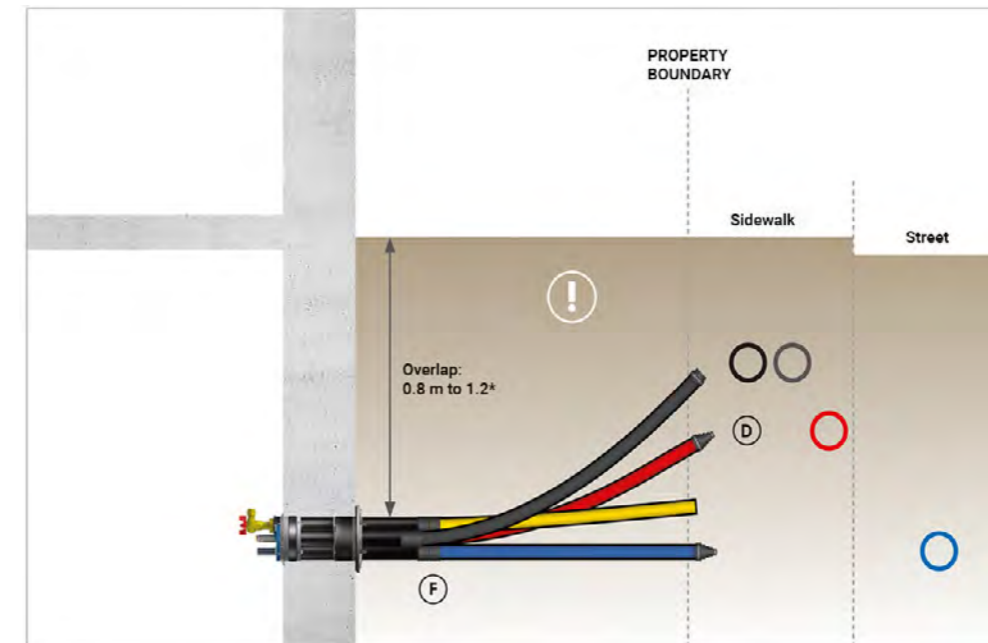
It is technically possible to extend the rigid protective pipes – even under the floor slab – but please always consult your utility company.

Positioning the body shell



For buildings with basements

Quadro-Sicura® Nova 1/wide

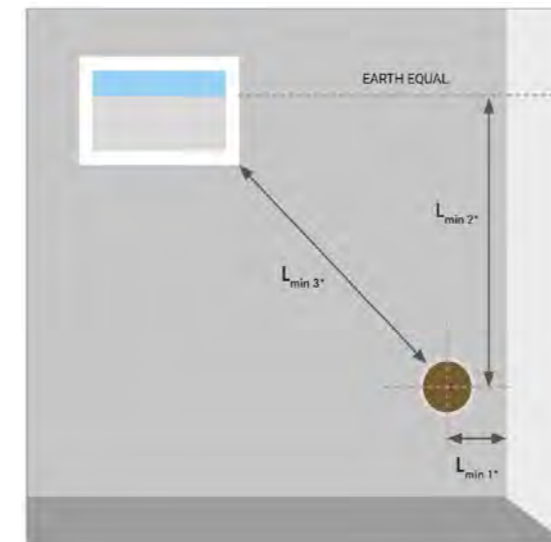


ATTENTION!

No inspection shafts, drainage pipes or other lines may be laid in the area of the house connection route.

* Please coordinate the exact dimensions with your utility company.

Installation clearances in the basement



Distances for Quadro-Sicura® Nova

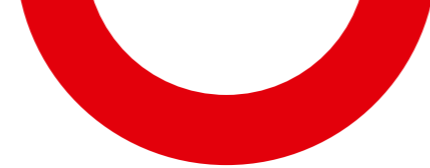
- L_{min1} = Distance to the wall ≥ 15 cm
- L_{min2} = Overlap ground level - water pipe = 0.8 m to 1.2 m or after consultation with the respective utility companies
- L_{min3} \geq Recommendation: Distance from window to core drilling ≥ 0.8 m

Distances for Quadro-Sicura® E

- L_{min1} = Distance to the wall ≥ 10 cm
- L_{min2} = Overlap ground level - water pipe = 0.8 m to 1.2 m or after consultation with the respective utility companies
- L_{min3} \geq Recommendation: Distance from window to core drilling ≥ 0.8 m

Legend:

○ Telecomm.	○ Electricity	○ Water	○ Installation part	○ Connection sleeves	○ Gas ring plug
○ Cable television	○ Gas		○ Body shell	○ Jacket pipe end plugs	○ Double socket



Grid of dotted lines for notes.

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Get in touch with us!

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Contact person

Scan this QR code to find the right contact person for your in-house or field service:

