

**Engineering progress
Enhancing lives**

New products 2021

Successfully inspire customers
with innovative product solutions
and services.

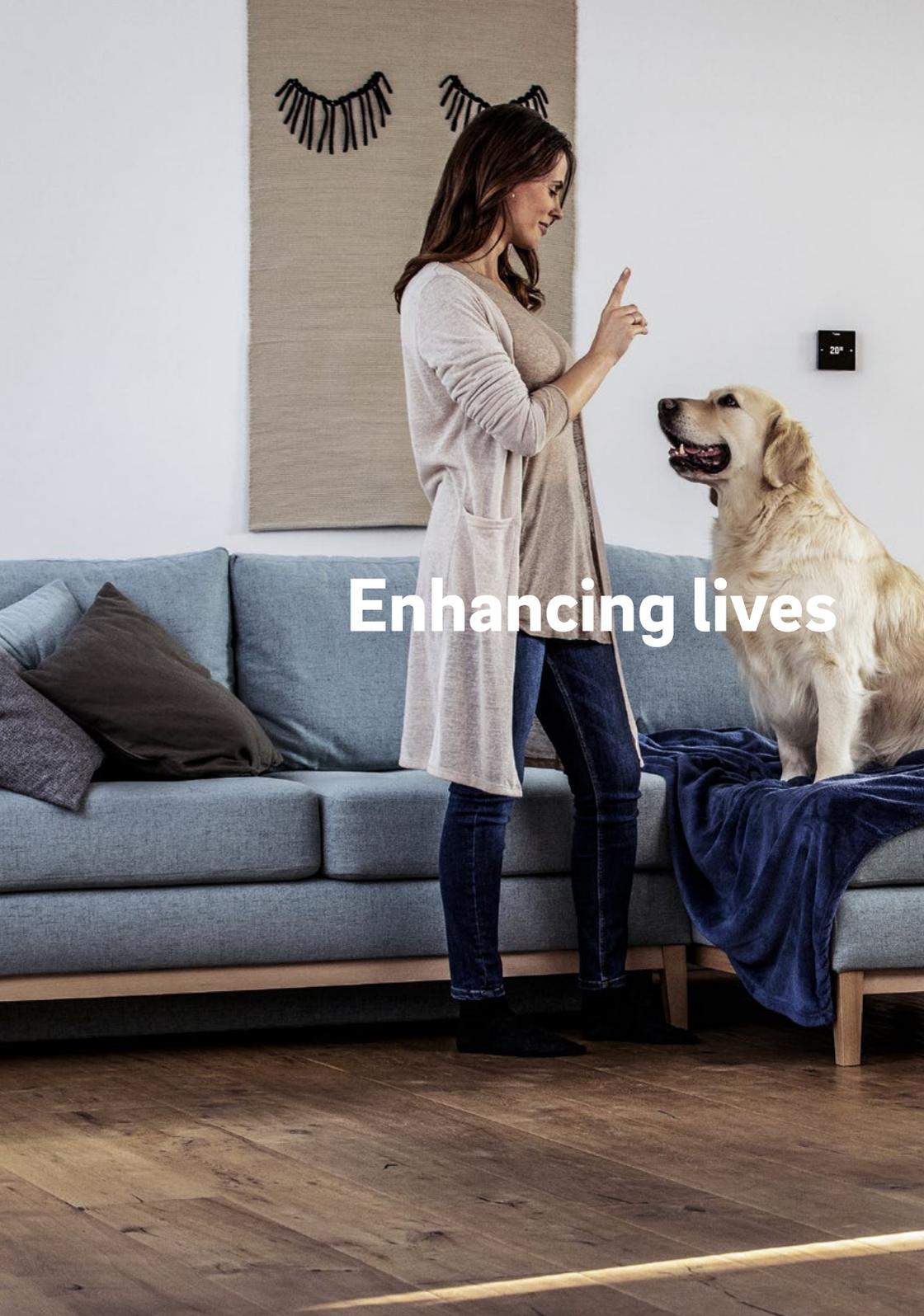
#expectmore

 **REHAU**

Engineering progress

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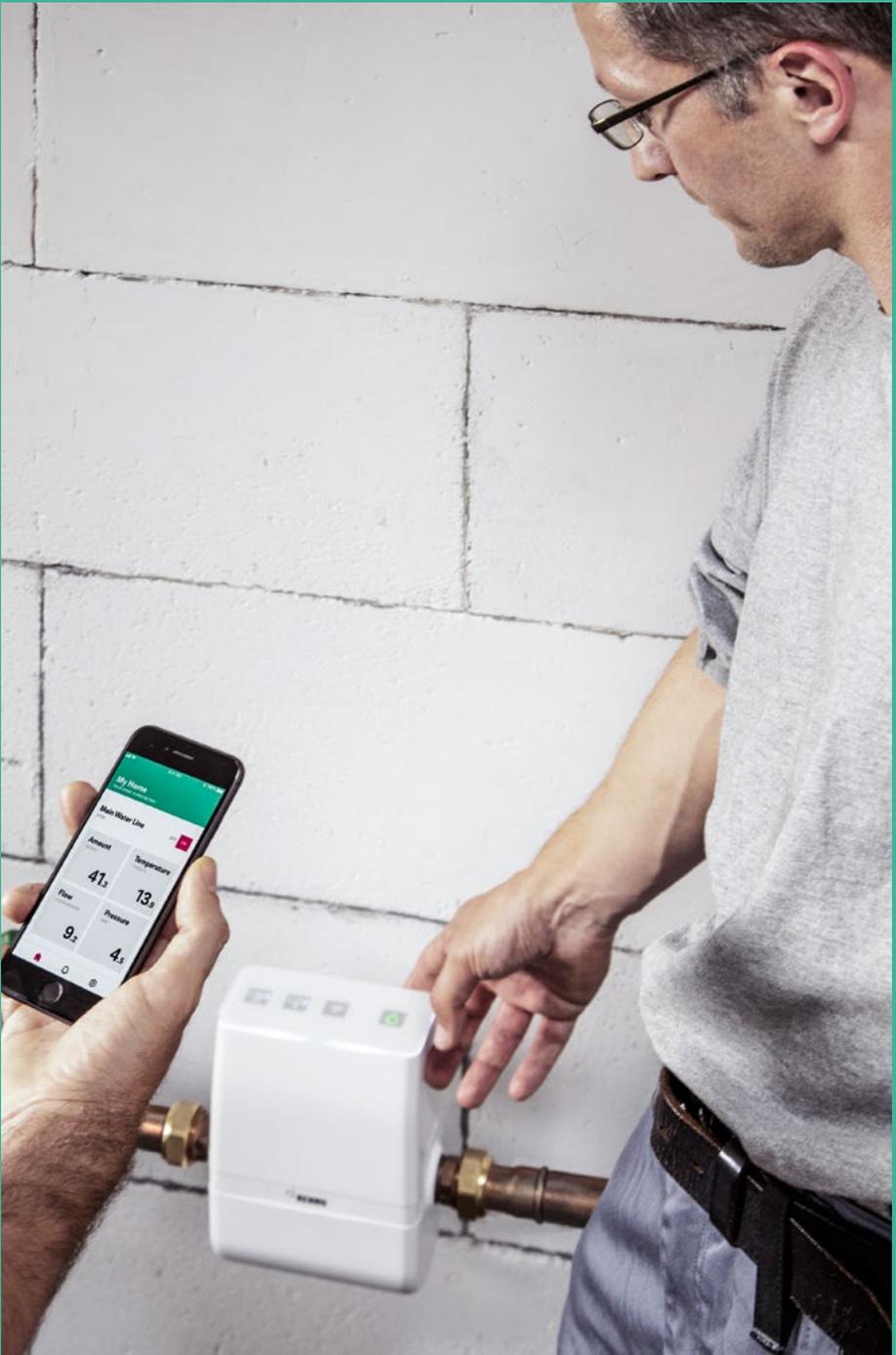


Enhancing lives

Faster, smarter, more sustainable. Your customers expect more and more. By constantly questioning current conventions, REHAU not only creates products, but gives you innovative solutions that inspire you and your customers. Solutions that are perfectly matched with each other and can therefore be installed more quickly and easily. On top of that, a service portfolio that makes all digital and analogue aspects of your day-to-day work easier – because we believe that you too should be able to expect more!

What do we call that? Quite simply:

#expectmore



Unlimited variety of water with RE.SOURCE

Goodbye plastic water bottles. Hello drinking water dispenser! The impressive RE.SOURCE smart tap supplies filtered, chilled, carbonated and hot water – all from just one device.

Unique and versatile design

The innovative touch display* on the PREMIUM versions of the RE. SOURCE tap makes them truly eye-catching. Depending on your customers' individual requirements, they can choose from three RE.SOURCE versions as well as various tap shapes and finishes. RE.SOURCE also gives you a free choice when it comes to the CO₂ cylinders. You can use the standard CO₂ cylinders sold by many supermarkets and chemists. With a cooling capacity of 12 litres/hour and the option to connect CO₂ bottles of up to 10no-break space - U+00A0kg, all of the versions are suitable for both domestic and commercial use.



Matt
C-shape



Matt
L-shape



Chrome
C-shape



Chrome
L-shape

Install and impress at lightning speed

The compact design of the core component – the under-table unit – enables the RE.SOURCE to fit in practically any kitchen base unit. Installation is easy thanks to the 'plug & play' system and installation kit.

Make a note

The RE.SOURCE family is being expanded in 2021. You can look forward to additional tap designs with a flexible spout, for example, in Q3, plus a versatile countertop device by the end of the year.



No more carrying

RE.SOURCE gives your customers the water they want, whenever they want it. No more onerous carrying of water and the impact on the environment is also reduced, as fewer plastic bottles are used.

* RE.SOURCE BASIC with mechanical lever, RE.SOURCE PREMIUM with touchscreen , RE.SOURCE PREMIUM+ with touchscreen and hot water function

Unique design

with innovative touch display





#easyandsafe

Water pipes always safely under control with RE.GUARD

Water damage occurs more frequently than expected and insurance companies often only pay a fraction of the actual cost. RE.GUARD, the smart water controller, detects the smallest of leaks, burst pipes, and ensures larger water damage does not occur in the first place.

Water control with minimal pressure loss

Thanks to its innovative ultrasonic technology, RE.GUARD has no moving parts in water flow, ensuring optimum flow rates and minimum maintenance.

Easy installation and commissioning

RE.GUARD includes a central water control unit, water detectors that can be positioned flexibly and the RE.HUB Gateway as a central interface. RE.GUARD can be installed as easily as a water meter and its compact design makes it ideal for retrofits. Once installed, it can be commissioned via the RE.GUARD app in just four simple steps.



reddot award 2019
winner



Versatile protection against water damage, controllable via app

Additional RE.GUARD water detectors can be integrated wirelessly and positioned under the washing machine or dishwasher, for example. The app gives your customers full control of their drinking water installation, including remotely. If desired, RE.GUARD can also work fully self-sufficient, without any internet or cloud connection. In the long term, RE.GUARD can also help your customers save water: whether they have a dripping tap, a leaking toilet cistern or accidentally forget to shut off the water supply in the garden – RE.GUARD will sound the alarm wherever needed.

High-quality drinking water with RAUTITAN – completely lead-free

As a universal system for drinking water and heating, RAUTITAN is the first choice for modern installations. The pipe, fitting and compression sleeve create a permanently sealed joint without compromise.

Lead-free drinking water installations

Drinking water is our most important resource. The preservation of drinking water quality is therefore a matter particularly close to our hearts. That's why our RAUTITAN RX+ fittings have been lead-free since 2019 – and include all the benefits offered by the proven material gunmetal.

High-performance risers with RAUTITAN stabil 50 and 63

The addition of the 50 and 63 mm pipe sizes to the new RAUTITAN stabil multilayer pipe system with optimised flow allow for larger and higher buildings to be realised quickly and safely with RAUTITAN, without any compromise. Benefit from the compression sleeve jointing technology and even press comfortably overhead or in shafts. Being able to pressure test with air adds to the many other advantages offered by RAUTITAN on site.



Cavity-free – No room for germs

The tight seal provided by the RAUTITAN compression sleeve jointing system effectively prevents microbial contamination – as officially verified by the Fraunhofer Institute.

Lead-free gunmetal

with proven properties





#cleanwater



RAUTOOL – the tool range with added convenience

Reliable and well-designed tools are fundamental to achieve optimal installation results. RAUTOOL, the comprehensive tool concept, makes installation particularly easy.

Permanently sealed in just 3 steps

Once you have cut the pipe to length, you can start expanding it immediately, without any deburring or calibration. Thanks to the new generation of QC1 expander heads for RAUTITAN stabil and flex in sizes 16 to 32 mm, this can now be done in one step, which also saves you time.

It goes without saying that the installation is ready for immediate pressure testing and can be corrected if necessary.

**Step 1:**

Expand the pipe once using the QC1

**Step 2:**

Insert fitting

**Step 3:**

Apply compression sleeve

**Extra convenient when working overhead**

The practical RAUTOOL tools make it easier for you to work overhead and in cramped conditions, such as in shaft installations.

Faster expansion

thanks to the new QC1 expander heads for 16–32 mm RAUTITAN stabil and flex.



The REHAU tool configurator at rautool.rehau.com offers you a quick and easy way to find the right RAUTOOL tools and accessories at any point in time.



RE.FINE – taking drinking water quality to a new level

Drinking water is our most important resource. RE.FINE water filters by REHAU remove even the tiniest particles from drinking water to ensure reliable purity. They protect the whole drinking water installation at the same time and lengthen the service life of boilers and taps. Plumbers benefit from quicker and easier installation and convenient maintenance.

From Q3/2021, three different versions of RE.FINE will be available in a few selected markets in Eastern Europe and Italy: from the manual Select filter to the semi-automatic Pure filter or the Pro versions with backflushing.



RE.FINE Select



RE.FINE Pure



RE.FINE Pro / Pro R

REHAU plumbing boxes – connections in the blink of an eye

The simple idea behind REHAU plumbing boxes: Large numbers of individual components, replaced by a 100 % pre-fabricated and pressure-tested single component for sanitary connections that are accurate to the millimetre – suitable for surface or flush-mounted, T-piece or loop-through installations. The benefit: significant time savings and extra safety. For example, three sinks can be installed in the time it would normally take for one – thermal insulation, sound insulation and condensation protection included.

New plumbing boxes with foamed-in sleeves

The sleeves are integrated into the plumbing boxes in a water tight manner. Any water leaking in the connection area is directed outside, preventing any moisture from entering the structure of the building. The pressure test plug can be removed easily without damaging the seal. Retrospectively replacing tap extensions is also possible without problems.

**Suitable
for any
installa-
tion**



#finishworkfaster



Quieter than a whisper

Verified by the Fraunhofer Institute: RAUPIANO PLUS has sound levels of just 17no-break space – U+00A0dB(A)*, significantly below the minimum values required by sound insulation regulations, providing your customers with pleasant and convenient noise protection



RAUPIANO PLUS – the building drainage system for complete silence

RAUPIANO PLUS, the pipe, fitting and accessories, ensures universal use from a single-family home up to large multi-occupancy apartments. Compatible with conventional HT and sewer pipe systems, it offers just 17 dB(A)* premium sound insulation and reliable fire protection, resisting fire for up to 120 minutes.

Space-saving and secure

Our fire protection solutions have been designed for space-saving installation in ceilings or walls. With our collars and fire protection tape, we offer you clever solutions that can be installed by one person – without drilling and anchoring.

Time to rethink planning with our maxflow fittings

Volumes of waste water are reducing and self-cleaning effects do not occur due to fill levels being too low. Demand based planning, which has been common practice for drinking water for a long time, is now becoming increasingly important for drainage pipes. Our 'quietened' max flow branch connectors allow a more efficient design that not only saves space, but also costs.

* Fixing with patented acoustic bracket REHAU (P-BA 274/2016)



Fire safety

secure even with
zero spacing

**Now KNX
compa-
tible!**



NEA SMART 2.0 – the room control unit for comfort and design

NEA SMART 2.0 offers you the flexibility to cover a wide variety of underfloor heating and cooling requirements, ranging from single-family homes to complex solutions for up to 60 rooms.

Quick commissioning, flexible maintenance

Save time by programming the NEA SMART 2.0 room controllers centrally. The system can be commissioned easily via a smartphone, tablet or PC. Remote maintenance keeps time-consuming site visits to a minimum – and increases customer satisfaction.

Future-proof networking with KNX

NEA SMART 2.0 is compatible with other KNX technology in the building – resulting in an overall system that is future-proof and delivers even higher levels of convenience and quality of life.

BALANCE thermal actuator for automatic hydraulic balancing

The new BALANCE thermal actuator makes the time-consuming manual balancing and readjustment of underfloor heating a thing of the past. It also opens up new government funding options for your customers.



Elegant design, maximum convenience

Available in two colours, the NEA SMART 2.0 has a unique LED matrix display and optional illuminated frame, making it a real eye-catcher.



Even smarter

The cloud-based control technology automatically adjusts to suit the preferences of its users and uses smart geofencing technology to detect when they are on their way home. NEA SMART 2.0 therefore always provides the right feel-good temperature at the right time and uses other smart functions to save up to 20% in energy costs.



#easysetup

Set new records with the RAUTHERM SPEED HKV-D P



Uniform comfort throughout

Unlike selectively positioned radiators, underfloor heating ensures even heat distribution throughout the room and thus provides your customers with a unique level of comfort.

Want to install that feel-good climate three times faster? No problem at all if you use REHAU manifolds instead of conventional ones with standard compression fittings! But our new RAUTHERM SPEED HKV-D P polymer manifold has much more to offer than just speed.

Compact, easy, reliable

Due to the single manifold bar with thermally separated supply and return, the polymer manifold has a very compact design. The system offers flexible installation options and complies with DIN EN 1264-4. The heating pipes are connected quickly and safely using the RAUTHERM SPEED connectors. Using the HKV-D P heat meter assembly set allows the heat meter to be installed precisely in either a horizontal or vertical position, making installation much more flexible. The compact HKV-D P can also be simply clicked into place in the UP75 manifold cabinet.

Easy retro-fitting with the REHAU flex control set

The REHAU flex control set enables REHAU underfloor heating to be added to existing heating systems. Depending on the application, the desired supply temperature can be controlled via a thermostat head or via a 0–10 V thermal actuator for integration in an existing control system. The control set flex is available for metal heating manifolds and also in a polymer version for the HKV-D P.



**Compact.
Easy.
Reliable.**



RAUTHERM SPEED plus 2.0 – the original, now thinner and more flexible!

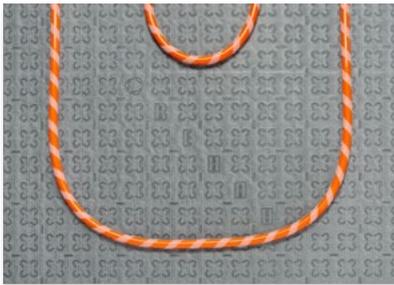
Unroll. Fix in place. Done! When you use the RAUTHERM SPEED plus hook-and-loop mat, underfloor heating can be laid in no time. Including separation of trades. The new RAUTHERM SPEED plus 2.0 version will be available from April 2021 and offers you even more benefits!

Flatter than ever: 50 % less construction height

With a construction height of just 1.5 mm, RAUTHERM SPEED plus 2.0 is setting new standards. When combined with the 10.1 x 1.1 mm RAUTHERM SPEED K pipe and Knauf N 440 levelling screed, the overall construction height starts from 33 mm. That means less screed and lower costs. RAUTHERM SPEED plus 2.0 also provides 33% more mat length with the same roll volume, reducing the need for storage space and follow-up orders.

Free laying of pipework allows greater flexibility

The mat's new surface quality allows you to lay the RAUTHERM SPEED K heating pipes flexibly and freely. The grid pattern (5 x 5 cm and 10 x 10 cm) also acts as a guide for laying.



**Unroll.
Fix in
place.
Done.**



Less waste, more cost savings

The full-surface adhesive layer on the reverse side also enables residual material and offcuts to be used. This not only helps the budget, but also the environment.

Convenient, quick and safe to install

The well-known benefits of RAUTHERM SPEED plus obviously still apply:

- Working in a standing position is easier on the back
- 33 % shorter installation time due to one-person installation
- No additional and laborious bonding of the joints
- Easy to cut with a cutter knife
- Safe separation of trades without damaging the insulation layer, plus impermeable protective layer (as per DIN 1264-4)



Simply unbeatable complete system

Installation panels, controls and manifolds: REHAU provides all the components from a single source. Benefit of an unbeatable complete and perfectly matching system with easy, safe and quick installation and commissioning.



Future-proofed heat supply

RAUVITHERM – the efficient, safe and flexible way to supply local heating

The RAUVITHERM hybrid pipe system is the ideal solution for heat distribution in existing buildings, for smaller heating networks and to connect individual recipients. It has an impressively robust outer layer with increased wall thickness and longitudinal water tightness. Added to this, the corrugated outer jacket, movable insulation foam layers and flexible REHAU medium pipe also make it extremely easy to install. Compression sleeve jointing technology and the intelligent sleeve system add an extra level of convenience. With the highest thermal insulation in its class, it's the first choice for ensuring efficient local heating supply.

RAUTHERMEX – the pre-insulated PE-Xa pipe for energy-efficient local and district heating supply

The RAUTHERMEX composite pipe system offers a solution for heat distribution in large local heating networks or larger distances to reach individual consumers. The thermal insulation layer for temperatures up to 95°C and permanent longitudinal water tightness make it particularly efficient. It is also suitable for all well-known installation methods. The special fittings or hot water-resistant electrofusion couplers ensure that there's no chance of corrosion and incrustation. Insulation can be retrofitted quickly and without tools using the RAUTHERMEX clip shrouds.

Always the right fitting

The new modular T-pieces are part of the RAUVITHERM and RAUTHERMEX district heating systems as well as the RAUPEX industrial pipe system. The T-pieces are soldered and not bonded, making them particular secure – without any O-rings. Every fitting is pressure tested and supplied with an individual test certificate.

If you use our intuitive selection tool, you will always find the most suitable and cost-effective fitting in a matter of seconds.

Check it out now at www.rehau.de/modular-fitting



MODULARES T-STÜCK SDR 11 LX, gelötet

Wählen Sie hier bitte Ihre Abmessungen SDR 11.

Modulare T-Stück		SeriensTeil	
Materialnummer	1686331083	-	-
Abmessung	110 - 25 - 75	-	-
Familienbezeichnung	Elangepipe Modular	-	-
Gewicht	10,03 kg	-	-
Preis*	842 €	-	-
Gewicht mit Verpackung	11,03 kg	-	-
Verpackung, L x B x H	430 x 380 x 180 mm	-	-

*Netto Preise sind unverbindlich in EUR, inkl. MwSt. Preise ohne Gewähr. Druckfehler, Änderungen und Irrtümer vorbehalten.

Maße	
Länge (a + c)	252 mm
a	161 mm
c	181 mm
Stärke (b + d)	106 mm
b	134 mm
d	65 mm
HDPE	1,32 mm
e1	111 mm
e3	141 mm
e2	113 mm

SDR 11



#moreservice

Achieving success together

Advise, explain, support. Nowadays, your customers expect more than just an installation service.

Wouldn't it be great if you too had a contact person to give you expert support? No problem at all. Our sales staff are there to help you with our innovative service portfolio, wherever you are.

Support right from the start

With our planning support, we are already in the process of the project right from the beginning – from preliminary discussions to the design phase – and of course, we are there for any site visits too.

Be a partner - let customers find you

Get new customer orders effectively – without any extra effort. Join REHAU@Home - our online configurator for building technology. Get in touch with us for more information.

Always the right selling points

Our professionally prepared advertising materials, customised with your logo, will help you make a lasting impression on your customers.

REHAU Academy

The world is moving faster and faster. The REHAU Academy's seminar program will help you to keep up to date with all relevant topics – even from the comfort of your desk via an online seminar.

**Simple &
conve-
nient**

our online seminars

Transforming great visions into reality

Construction projects are becoming increasingly complex, more and more stakeholders are involved, and things also need to get moving quickly. It's not so easy to reconcile all of this. But don't worry, with REHAU digital services you always have an overview – from planning to execution.

BIM@REHAU

For all those who have big plans, BIM@REHAU forms the basis for sustainable success, because those who plan digitally build more efficiently, saving both time and money. That's why we make the data for our REHAU products available for you to download as BIM data sets.

www.rehau.com/bim

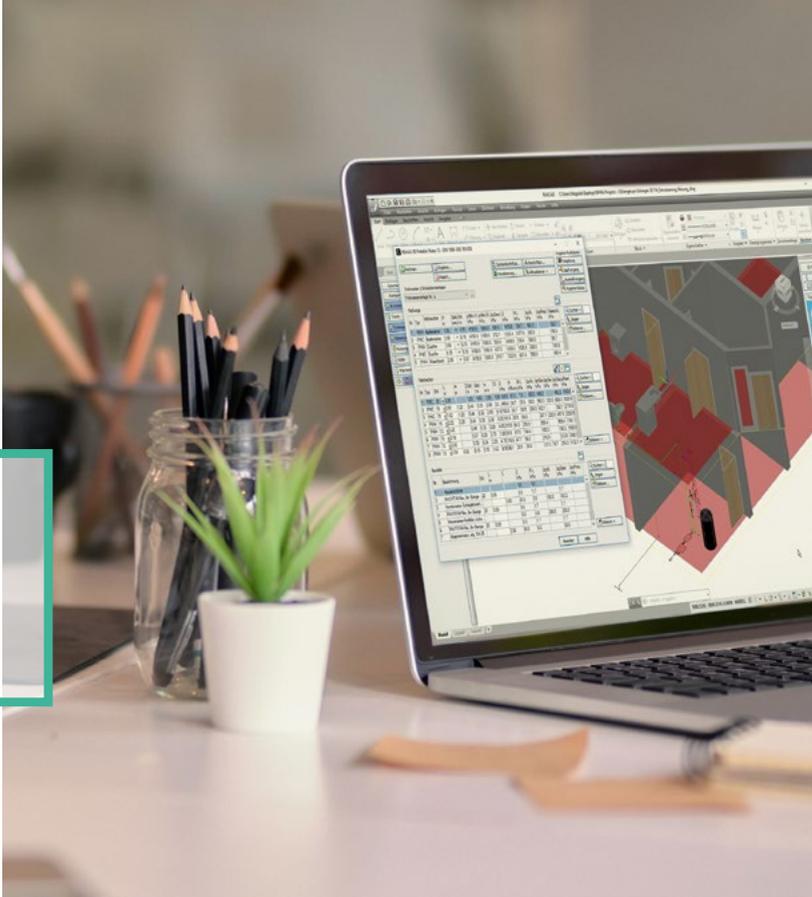


Connected building with BIM

Building Information Modeling (BIM) stands for the interaction of all project participants with and at a central and virtual data model. By using this approach, potential conflicts and problems can be avoided before they cause delays and rescheduling on the construction site. This reduces planning risks, increases project quality and improves your ability to meet deadlines and budgets.







Planning
has never
been so
easy

Time to go digital

Integrated computer-aided processing and planning of construction projects is the absolute standard these days. To fully support you with this, we offer a variety of solutions for different requirements – including cooperation with leading providers of building services calculation software and the provision of commercial master data on the commonly used portals.

**No more searching – finding!**

Goodbye paper chaos. We provide you with convenient access to all information in our ePaperPortal. Just enter the material number or GTIN (EAN) in the search box and you get all the material information and associated documents you need – from the certificate and operating instructions to an image or DWG file.

www.rehau.com/epaper

RAUCAD – software that pays off

Enjoy simple drawing, calculation and dimensioning of 2D and 3D pipe networks for heating, drinking water and drainage. With the integrated layout generator, pipe networks are created and calculated in accordance with relevant standards in just a few clicks. RAUCAD is constantly updated to meet new requirements, such as the IFC interface for the building services import and underfloor heating export.

www.rehau.com/raucad

CAD-Browser / CAD-Portal

Discover detailed and millimeter accurate product drawings in multiple views. Using the convenient composition function, you can integrate true-to-scale products into the design drawing. The products are included in 2D and 3D representation. REVIT® from Autodesk is also supported.

<http://cad-portal.rehau.com>

#childsplay

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