



Engineering progress
Enhancing lives

RAUPEX Industrial Piping System

New: Removable Fastener



Anchorless Concrete Fastening

With the Hilti Kwik-Con II+ screw anchor

To fix REHAU pipe clamps into concrete and masonry, try the HILTI Kwik-Con II+ torx-hex head screw anchor.

No anchors required. Your drill hole will be smaller in diameter, and the drill hole depth will be shallower.

Comparing this kind of fastening to conventional fastening, installation time can be halved!

Another major benefit of this system is the residue-free disassembly, as the Kwik-Con II+ can be simply unscrewed.

Together with the REHAU pipe clamps, the Hilti Kwik-Con II+ screw anchor are re-usable!

The ground surface remains residue-free with only small drill holes remaining, which means there will be no restrictions for future installations.

**up to
100%
faster**



REHAU pipe clamp used for ground floor installation.



Up to 100% faster installation

You are speeding up your installation:

- no need for anchors
- smaller drill hole diameters
- less drilling, as the drill holes shorten
- less dust

Complete, Quick and Clean removal without any residues

After removal only small drill holes remain. Removal will not result in any dust or noise.

Conventional fixings have to be removed mechanically, which results in additional time, labor and costs.

Ground floor installation with the REHAU pipe clip



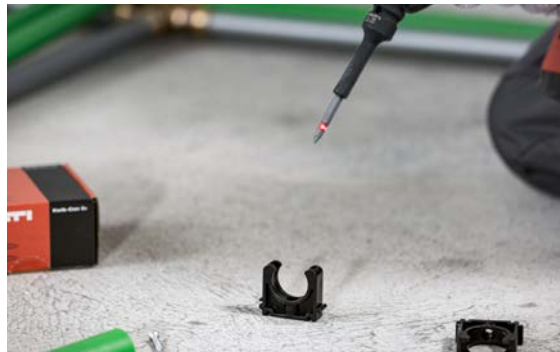
1 Choose the right diameter drill and insertion depth when drilling (see tab. 2) Vacuum the dust out of the drill hole.



2 REHAU pipe clips with the Hilti Kwik-Con II+ screw anchor requiring no anchors ...



3 Fixed straight into the ground.

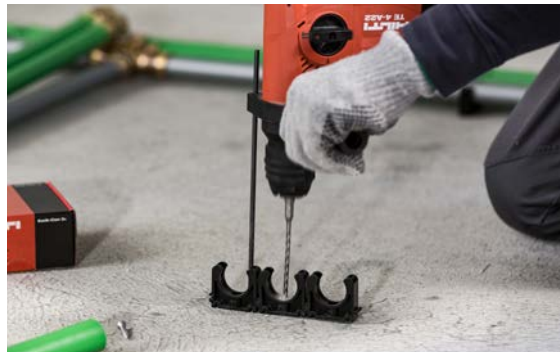


4 Installation is complete and ready for immediate pipe installation.

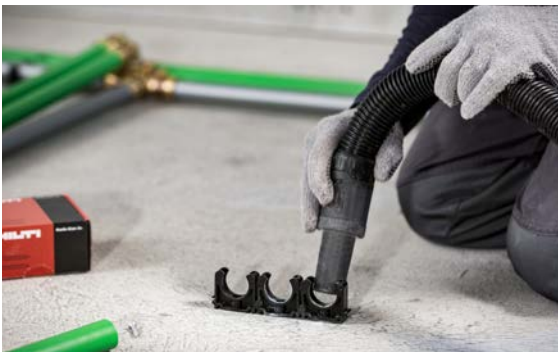
Ground floor installation with the REHAU pipe clip



5 Additional REHAU pipe clips can be attached.



6 It is possible to drill through REHAU pipe clips.

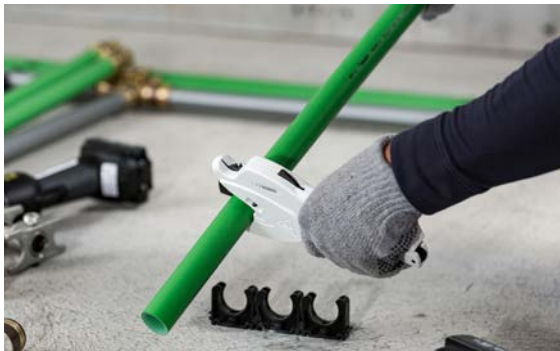


7 Vacuum the dust out of the drill hole.



8 Fix the REHAU pipe clip to the ground using the HILTI Kwik-Con II+ screw anchors.

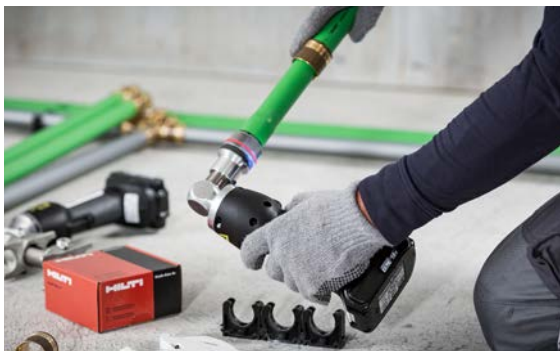
Making the joint



9 Cut the RAUPEX Industrial pipe to length.



10 Slide on the compression sleeve. The chamfered end needs to face the fitting.



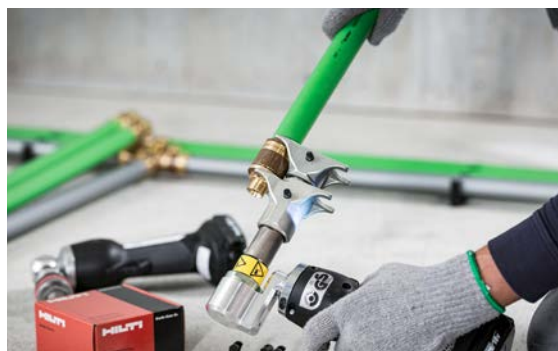
11 Expand the pipe using the RAUTOOL expander, turn the pipe 30°, and expand again.



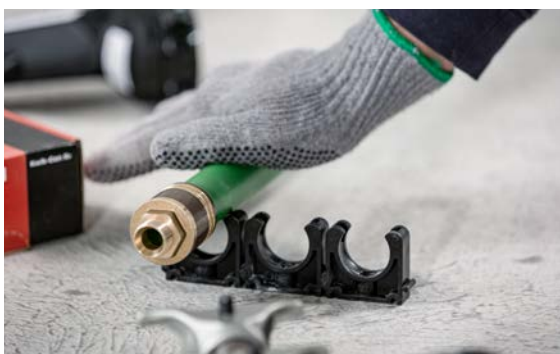
12 Push the fitting into the expanded pipe section.



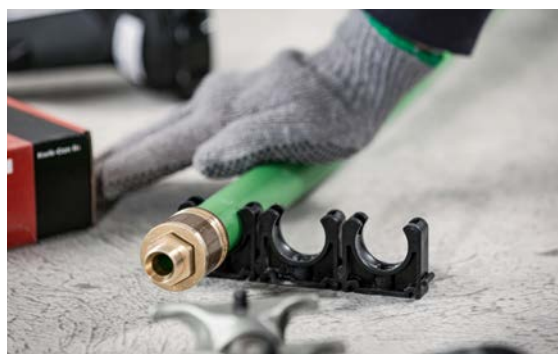
13 Position your RAUTOOL ...



14 Complete the connection by sliding the sleeve completely over the fitting



15 Push the pipe into the REHAU pipe clips.



16 Job done!

Removing the RAUPEX Pipe and the RAUPEX pipe clips



1 Pull the RAUPEX pipe out of the pipe clips.



2 Remove the RAUPEX pipe.



3 Unscrew the HILTI Kwik-Con II+ screw anchor ...



4 ... from all REHAU pipe clips.



5 Then remove the REHAU pipe clips.



6 Small, drill holes remaining in the floor. They can be filled if required.

Using the REHAU pipe clip spacers



1 The REHAU pipe clip spacers.

If required REHAU pipe clip spacers are available. Please keep in mind that longer HILTI Kwik-Con II+ screw anchors are needed (see table 2 and 3).

Installation with Hilti device

With the Hilti Kwik-Con Hex Deluxe drive tool, it is possible to drill and screw. This speeds up the installation process even more.



1 The HILTI Kwik-Con Hex Deluxe drive tool adapter



2 ... fits on to every compatible Kwik-Con drill ...



3 ... slides on ...

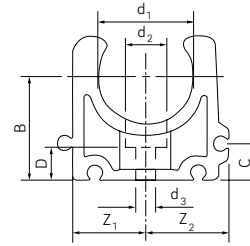


4 And its ready for to screw. No change of tools necessary

Required fixing materials from REHAU

Pipe clips without clamp

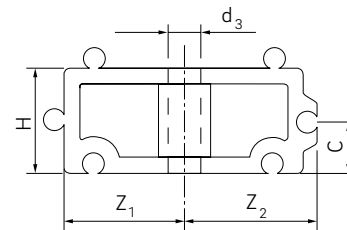
- Ideal for fixing RAUPEX pipes. Can be used in combination with the REHAU pipe clip spacers.
- Applicable for media and surrounding temperatures up to 140 °F (60 °C)
- Material: PP, black



Material number	Dimension	Measurements in mm					Weight kg/pc	Packaging unit pc
	d ₁	d ₂	d ₃	Z ₁	Z ₂	B		
12436531001	32	15	6	24	27	31	0,011	10

REHAU pipe clip spacers

- Can be used in combination with the REHAU pipe clip (with/or without clamp) to create additional distance between floor and wall, or pipe support elements.
- Height: 20 mm, Applicable for media and surrounding temperatures up to 140 °F (60 °C)
- Material: PP, black



Material number	Dimension	Measurements in mm			Weight kg/pc	Packaging unit pc
	d ₁	d ₃	Z ₁	Z ₂		
12437931001	32	6	24	27	0,008	10

Required fixing materials from Hilti

Screw anchors

Hilti Article Number	Description	Drill-hole depth	Connection	Drill diameter
433010	Kwik-Con II+ Torx flat head 3/16 x 1-1/4"	31 mm	Torx T-25	Pipe clip 32
433011	Kwik-Con II+ Torx flat head 3/16 x 1-3/4"	26 mm	Torx T-25	Pipe clip 32 + 1 x pipe clip spacer 32
433015	Kwik-Con II+ Torx flat head 3/16 x 2-3/4"	29 mm	Torx T-25	Pipe clip 32 + 2 x pipe clip spacer 32

Required drill bits

Hilti Article Number	Description	Nominal drill diameter
438630	Kwik-Con II+ Drill bit for concrete 3/16 TE-C	3/16 (4.8 mm)
235097	Kwik-Con II+ Hex driver deluxe kit	-

This document is protected by copyright. All rights based on this are reserved. No part of this publication may be translated, reproduced or transmitted in any form or by any similar means, electronic or mechanical, photocopying, recording or otherwise, or stored in a data retrieval system.

Our verbal and written advice with regard to usage is based on years of experience and standardised assumptions and is provided to the best of our knowledge. The intended use of REHAU products is described comprehensively in the technical product information. The latest version can be viewed at www.rehau.com/TI. We have no control over the application,

use or processing of the products. Responsibility for these activities therefore remains entirely with the respective user/processor. Where claims for liability nonetheless arise, they shall be governed exclusively according to our terms and conditions, available at www.rehau.com/conditions, insofar as nothing else has been agreed upon with REHAU in writing. This shall also apply for all warranty claims, with the warranty applying to the consistent quality of our products in accordance with our specifications. Subject to technical changes.

www.rehau.com/contact

© REHAU AG + Co
Rheniumhaus
95111 Rehau

876601 EN 07.2020