



MINIMUM
INSTALLATION
TEMPERATURE:
10 °C

INSTALLATION MANUAL

PAROC® PRO SECTION WR 140 CLAD T
PAROC® PRO COMBI WR 140 CLAD T



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(WR) = water-repellent version available

TOOLS / ACCESORIES



- A marker



- Measuring tape or folding ruler

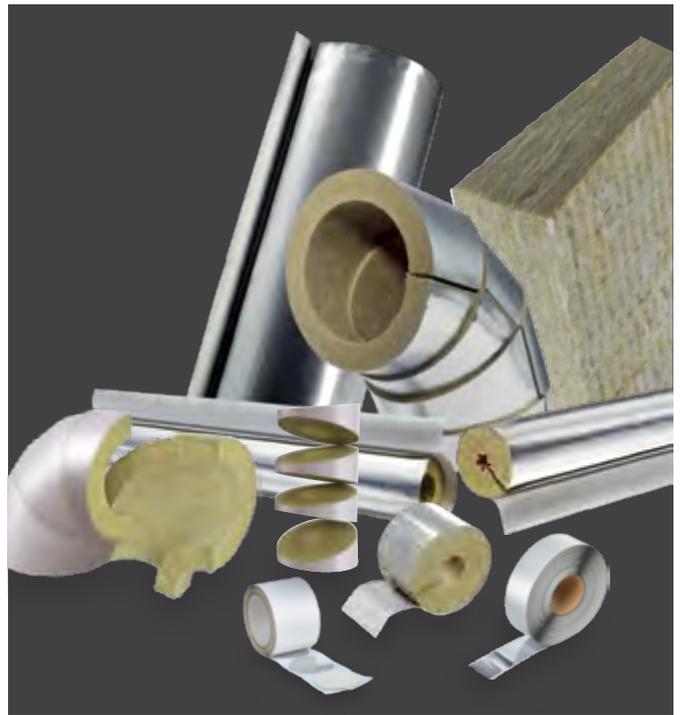


- **PAROC® Clad Tape/ PAROC® Clad Alu Tape:**
To seal off joints.
Standard widths: 30, 50, 75 and 100 mm



- Insulation material knife, e.g., the **PAROC® Pro Knife XTK003**

Quick access:
Click on the desired product or content page to immediately navigate to it. Clicking on 'Table of Contents' will direct you back to the index page. Hyperlinks will take you to relevant additional pages or research sources.



- Plastic spatula: for smoothing the tape to improve appearance



- **PAROC® Pallet Hoods**

INSTALLATION INSTRUCTIONS



1. Place the casings one by one on the pipe and use the self-adhesive tape on the pipe casing to affix the casings.



2. Mount pipe sections for bends in the same way.



3. In order to effect a durable mechanical fixation of the pipe casing as prescribed by DN100, use additional SIGNODE strips or an alternative **weatherproof plastic strip**.

Up to DN100, fixation can be by the TapeLock method, which involves overlapping PAROC® cladding tape.



4. For permanent **waterproofing**, apply PAROC® Clad Tape or PAROC® Clad Alu Tape to all **connecting joints** and **lengthwise seams**.



5. All connecting parts (T-joints, forks, brackets etc.) must also be sealed with PAROC® cladding tape. Air inclusions under the PAROC® Clad Tape/PAROC® Clad Alu Tape should be avoided.



6. You have two options for closing off the end sections of pipe casings:

- 6a. Classic metal end disc in combination with sealing with PAROC® Clad Tape



- 6b. Finish with PAROC® Clad Tape/PAROC® Clad Alu Tape:



Note: To ensure additional adhesion of the Clad Tape/Clad Alu Tape to the insulation (facing side), it is a good idea to spray a typical adhesive on the surface.

Paroc offers following Clad tapes:

PAROC® Clad Tape:

Water resistant butyl rubber tape with very high tack and very high aging resistance intended for indoor installations.

PAROC® Clad Alu Tape:

UV resistant tape intended for outdoor installation when UV resistance and increased durability is needed.

Important note: All information and technical data rely on results obtained under typical conditions of use.

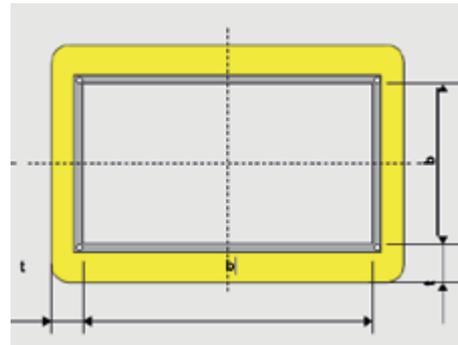
The recipient of this information is, in his own interest, responsible for clarifying with Paroc whether the information and data are applicable to the areas of use foreseen.



7. You have two options for implementing caps:

7a Closing using a standard metal cap – (recommended). As usual, finish the covers to DIN 4140 and spread insulation over them. Apply edge protection tape at intersections of the plate casing in order to prevent damage to the cladding surface of the pipe casing. Seal the cap in accordance with the standard. A permanently waterproof seal is recommended, or PAROC® Clad Tape or PAROC® Clad Alu Tape.

7b Finishing with PAROC® Pro Lamella Clad: For this, assess the extent of the cap and cut accordingly.



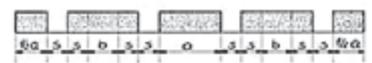
Use the following formula to calculate the material required:

$$U = 2 \times a + 2 \times b + 8 \times t$$

a - Height of cap

b - With of cap

t - Thickness of insulation



Then create joints in the width of the insulation, so that when mounting at 90 degrees, a clean edge is achieved.



Add suitable PAROC® Pro Lamella Mat cladding covers to the caps to thus created. Using cladding tape (as described above) seal these at the end disc. For additional mechanical securing, the faces can be bound to the cover using PAROC® Fire Springs.





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