

## Installation Manual Aqua-/RobuDock® Connecting Set

The Aqua-/RobuDock Connecting Set provides a watertight and reliable connection of the following connecting pipes: AquaFlex DN 150, AquaPipe DN 150 and Robukan SMR DN 150

to the FRÄNKISCHE composite pipe (AquaPipe, Robukan) in DN 300, DN 350, DN 400, DN 500 and DN 600. Both new and existing pipe systems can be connected. Aqua-/RobuDock is

delivered completely mounted and will be connected to the FRÄNKISCHE composite pipe (AquaPipe, Robukan) according to the following installation manual.

### 1. Drill hole in the main pipe



The opening of the main pipe should be made with a suitable hole saw ( $\varnothing 178,5 \pm 0,5$  mm) including guide drill. We recommend the hole saw that is part of our range of products.

Please note that the drilling has to be made vertically in respect to the cross section of the pipe.

**Important:** After the pipe wall has been cut, turn off the drilling machine and wait until it comes to a standstill. Then pull the hole saw out of the opening. We recommend using our drill stand to ensure that a professional incision can be achieved simply and safely.

**NB**

**If possible, the hole should be drilled before the installation and out of the building trench. Constricted room in the trench can otherwise affect the quality of the hole and the tightness of the Aqua-/RobuDock.**

### 2. Remove ridges and drilling scraps



All ridges and drilling scraps have to be removed.

**Important:** Scraps in the sealing surface can gravely affect the tightness.

**NB**

**Most suitable for the removal are a cutter and fine grained sand paper!**

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## 3. Apply lubricant



Please ensure that the Aqua-/RobuDock Connecting Set is free of dirt. Apply enough lubricant (FRÄNKISCHE) to the outer surface of the pressure connection (see picture to the left).

The sealing ring **must not** be covered with lubricant!

**NB**

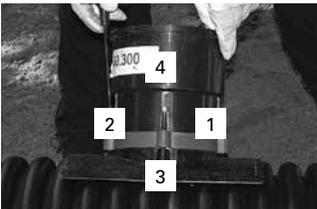
**The sealing ring must fit with the saddle!**

## 4. Insert the Aqua-/RobuDock®



Insert the Aqua-/RobuDock Connecting Set into the hole in such a way that the supporting ring (saddle) rests evenly on the outer diameter of the pipe.

## 5. Tighten the screws



Tighten the screws 1 and 2 by turning the installation wrench 5 times clockwise. Afterwards tighten the screws 3 and 4 also by turning the installation wrench 5 times clockwise. Repeat the process at first

for 1 and 2 and then for 3 and 4 until the screw heads rest on the locking ring.

## 6. Functional test



Insert your hand through the opening of the Aqua-/RobuDocks and check the location of the sealing ring.

**Important:** The sealing ring must rest evenly on the inside of the pipe.

