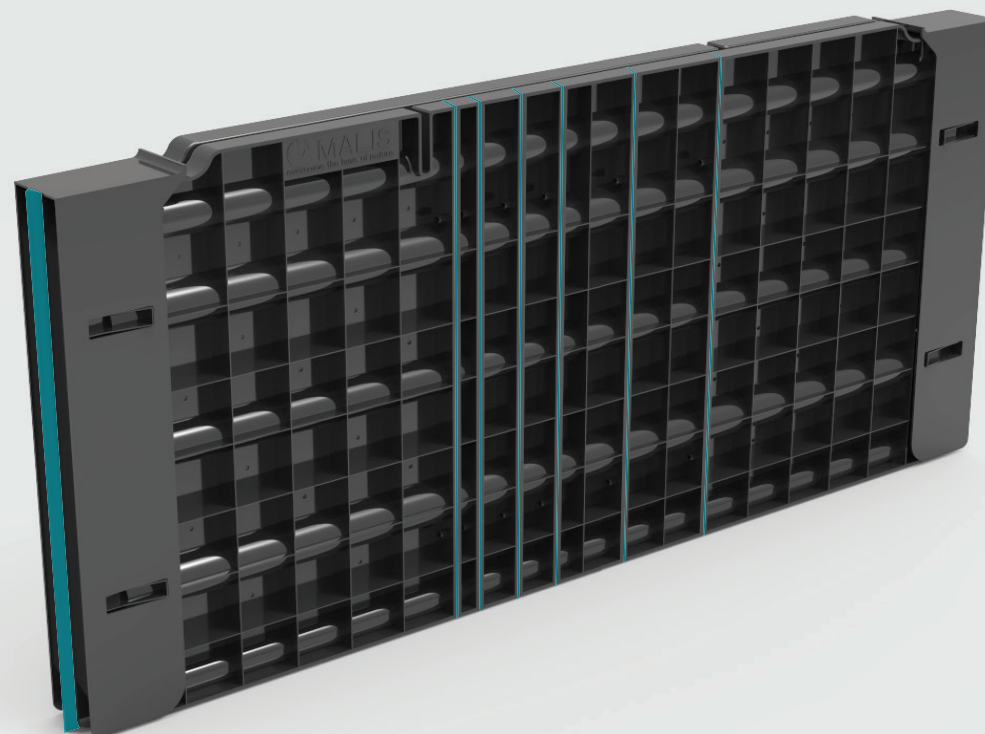
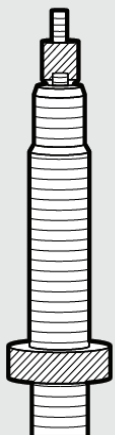


Malis Flood Barrier

Instruction Manual





Manual for Malis barrier containing
a tube with a Presta valve - Can
be found on the tire box provided.

Instruction Manual

The Malis Flood Barrier is a flexible flood barrier designed for doors and entranceways. It protects homes and businesses in up to 20 inches of water and 900+ lbs of water pressure. Malis Flood Barrier is reusable, which means it can be easily removed and stored.



Scan this QR code to watch a video demonstration on how to set up the barrier.

You can find this video on YouTube with the name:

Malis instruction video | How to set up your Malis flood barrier



If you have any questions or concerns, you can reach to us via email.

hello@malisfloodbarrier.com

Product features

Malis comes with 10 different types of components. Depending on the size of your door, you may not use all of the barrier blocks or rubber seals. The numbering of the components refers to the illustrations on the right and serve as a reference throughout the manual.

(1) Eight rubber seals

(2) One barrier A block

(3) Two barrier B blocks

(4) One barrier C block

(5) One barrier D block

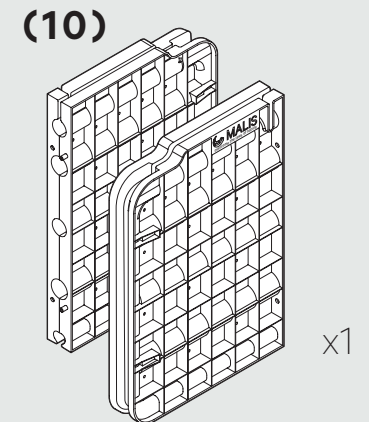
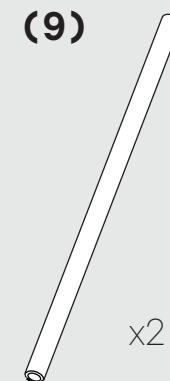
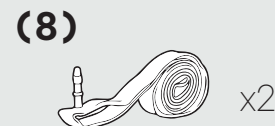
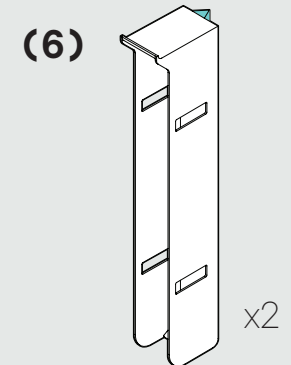
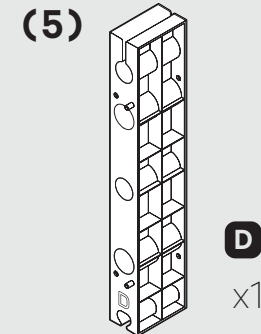
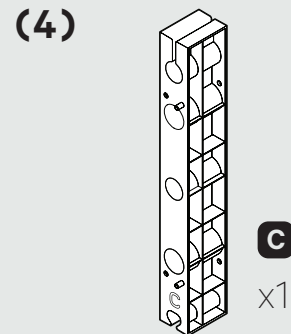
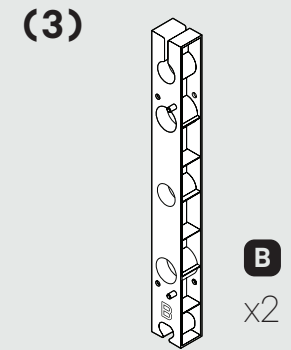
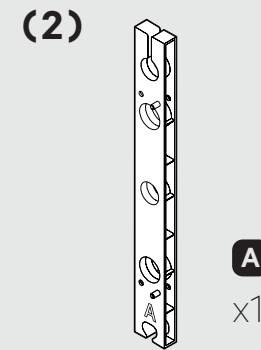
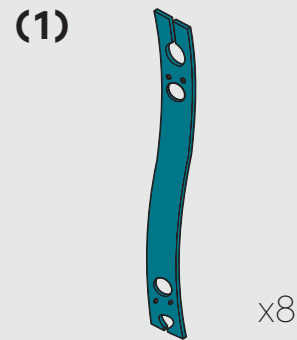
(6) Two end pieces

(7) One air pump

(8) Two tires

(9) Two cylindrical bars

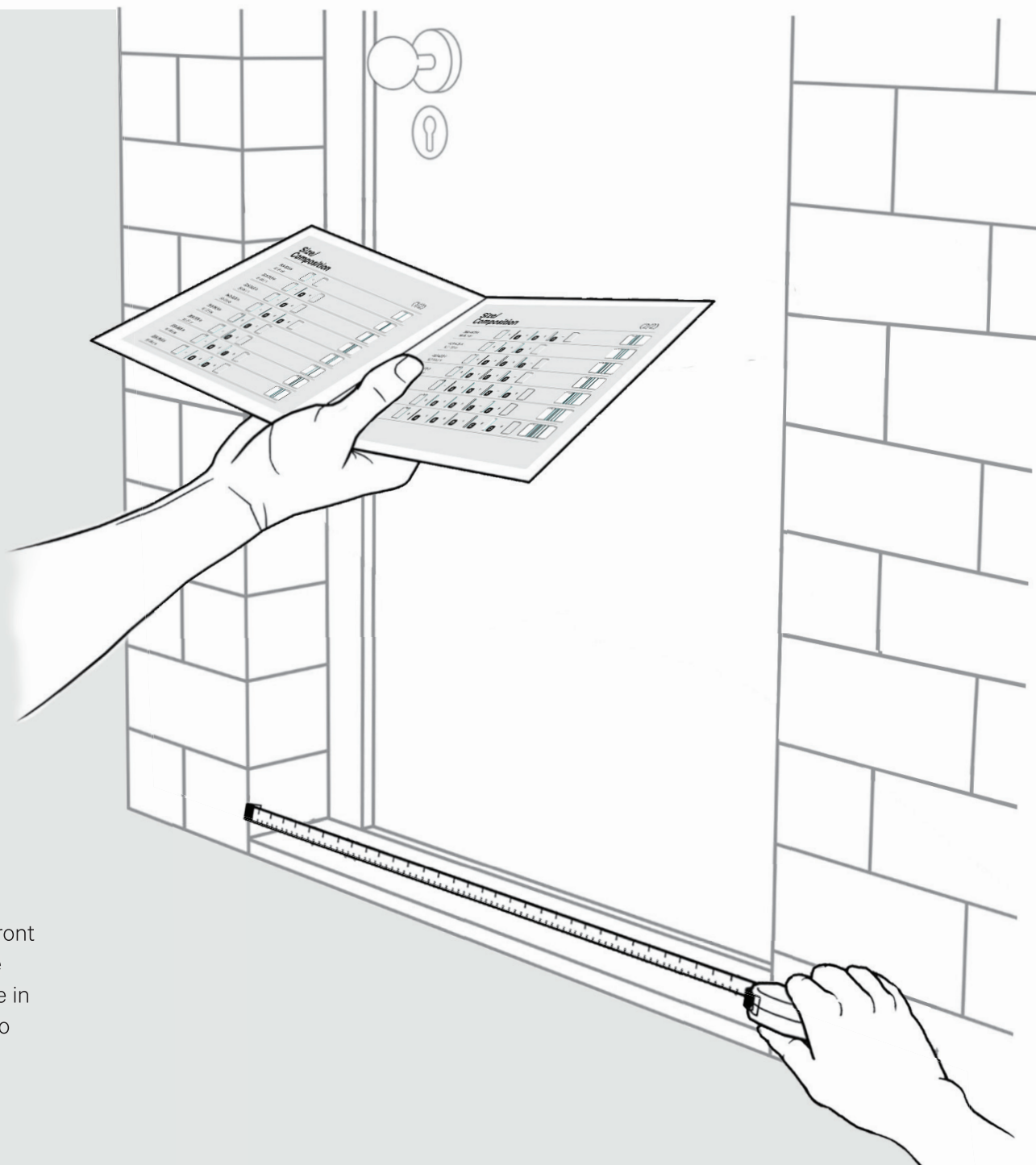
(10) Two side barriers



▶ 00:15-00:30

1

First, measure the outer edges of the entrance opening in front of your door. For better precision on the measurement, take the measure at the bottom. Then look up your entrance size in the following pages of this manual for instructions on how to customize your barrier.



Size/Composition

1 of 4



Choose the correct Malis setup based on the size of your door entrance.

30.62-31.41 in

77.8-79.8 cm



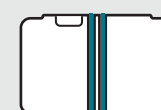
30.96-31.75 in

78.6-80.6 cm



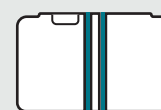
31.68-32.47 in

80.4-82.4 cm



32.47-33.26 in

82.4-84.4 cm



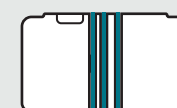
32.81-33.59 in

83.3-85.3 cm



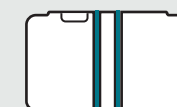
33.53-34.31 in

85.1-87.1 cm



34.04-34.83 in

86.4-88.4 cm



Size/Composition

2 of 4



Choose the correct Malis setup based on the size of your door entrance.

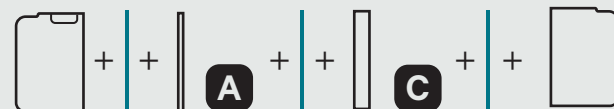
34.31-35.10 in
87.1-89.1 cm



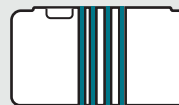
34.83-35.62 in
88.4-90.4 cm



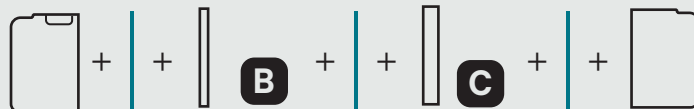
35.10-35.89 in
89.1-91.1 cm



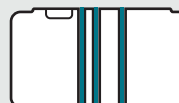
35.37-36.16 in
89.8-91.8 cm



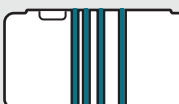
35.89-36.68 in
91.1-93.1 cm



36.68-37.46 in
93.1-95.1 cm



36.94-37.73 in
93.8-95.8 cm



Size/Composition

3 of 4

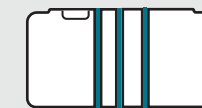


Choose the correct Malis setup based on the size of your door entrance.

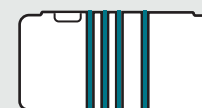
37.73-38.52 in
95.8-97.8 cm



38.25-39.04 in
97.1-99.1 cm



38.52-39.31 in
97.8-99.8 cm



38.79-39.58 in
98.5-100.5 cm



39.31-40.09 in
99.8-101.8 cm



39.58-40.36 in
100.5-102.5 cm



40.09-40.88 in
101.8-103.8 cm



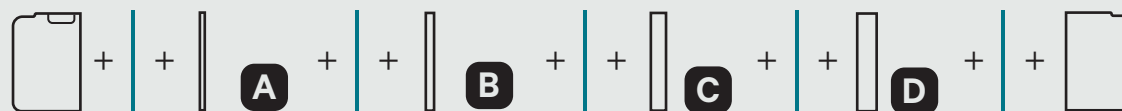
4 of 4

!

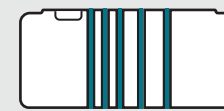
40.43-41.22 in
102.6-104.6 cm



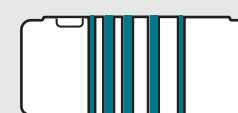
41.15-41.94 in
104.5-106.5 cm



41.94-42.73 in
106.5-108.5 cm



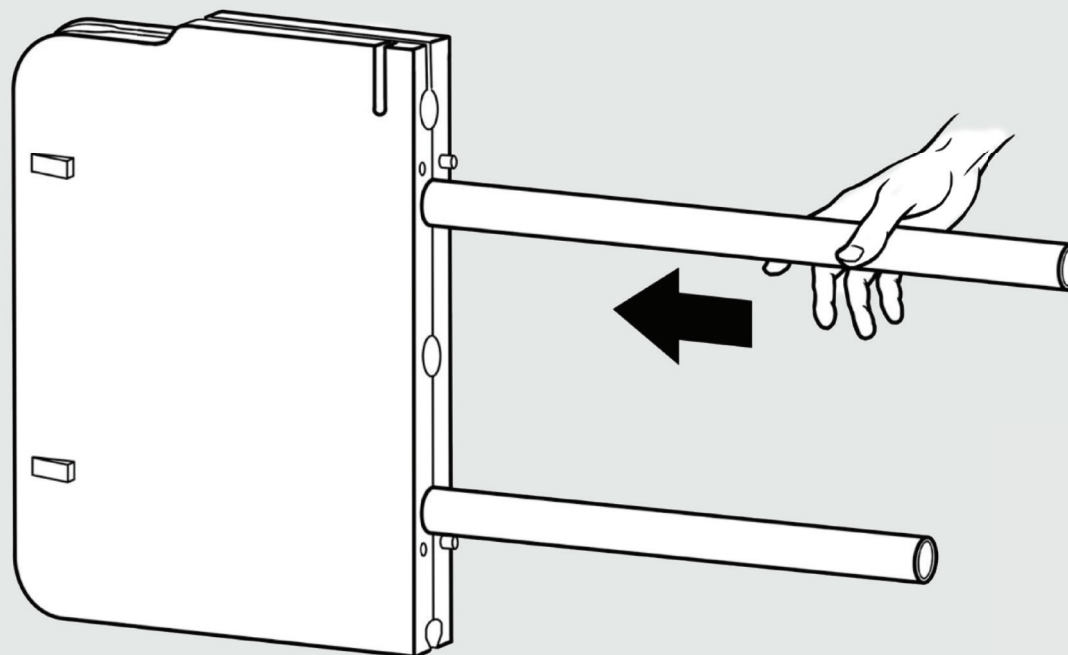
42.28-43.06 in
107.3-109.3 cm



43.00-43.78 in
109.2-111.2 cm



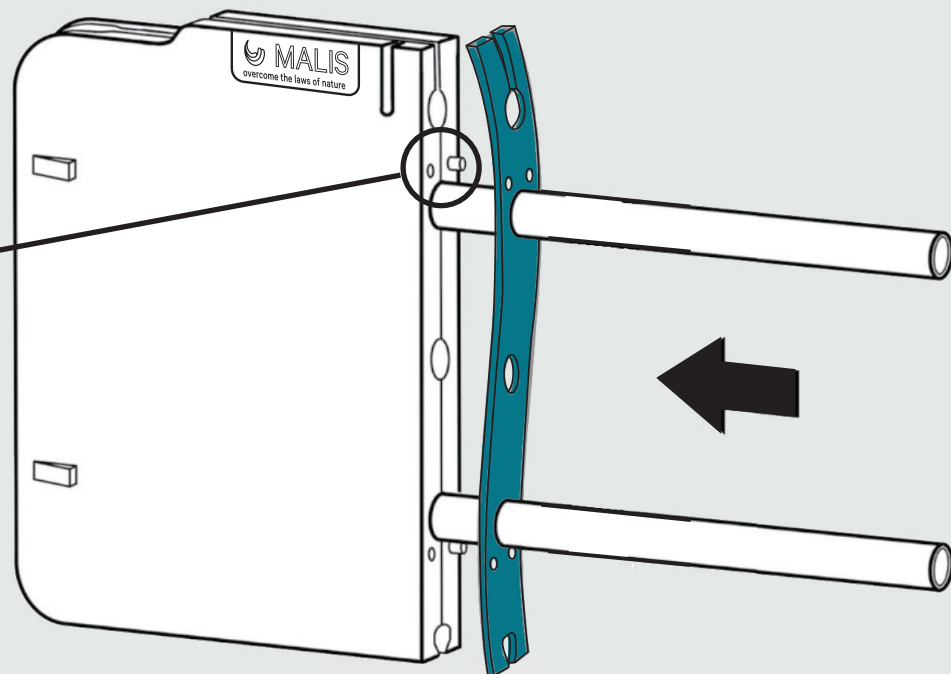
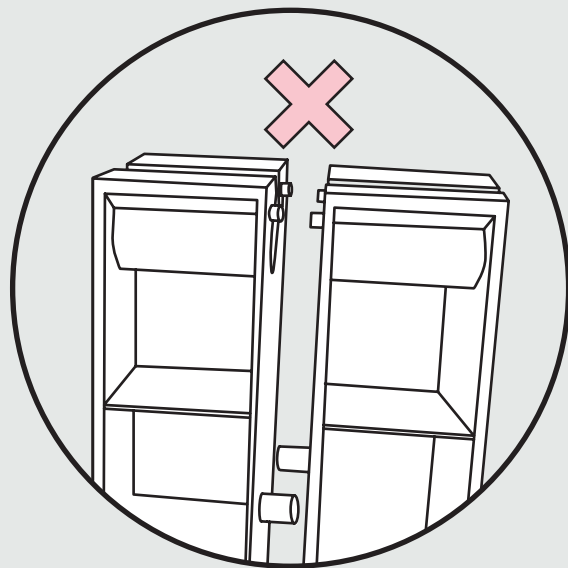
▶ 00:30-00:50



2

Take one side piece (10) and insert the two cylindrical bars (9) on the top and bottom.

00:50-01:10



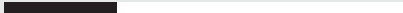
3

Take a rubber seal (1), and align the holes on the seal with the cylindrical bars. Push the rubber seal back until it sits next to the side barrier (10).



To ensure total water isolation, make sure the rubber seal aligns with the side barrier. For easier alignment, turn the barrier on its side, so the rubber seals lay flush on the barrier.

Make sure that the knobs on the components are not facing each other. This will cause leaks.

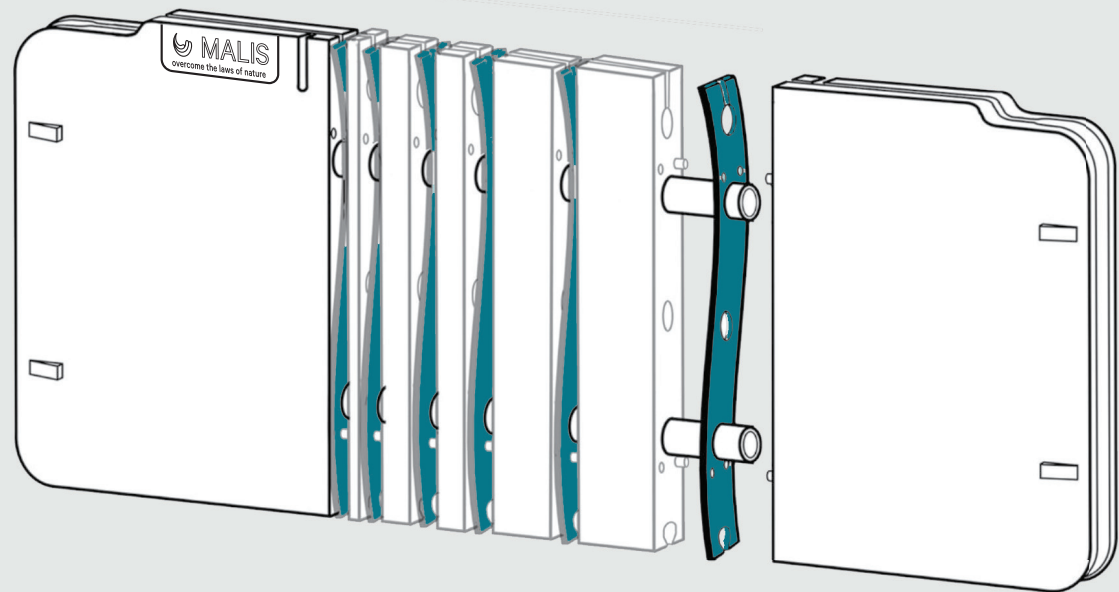
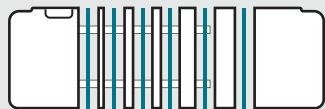


Select the correct combination of barrier the A, B, C or D blocks (2,3,4,5), and add them to your barrier in the correct order. Use at least one rubber seal (1) in between each block.

Do not forget to fit AT LEAST one rubber seal (1) as a layer in between each of the barrier blocks.

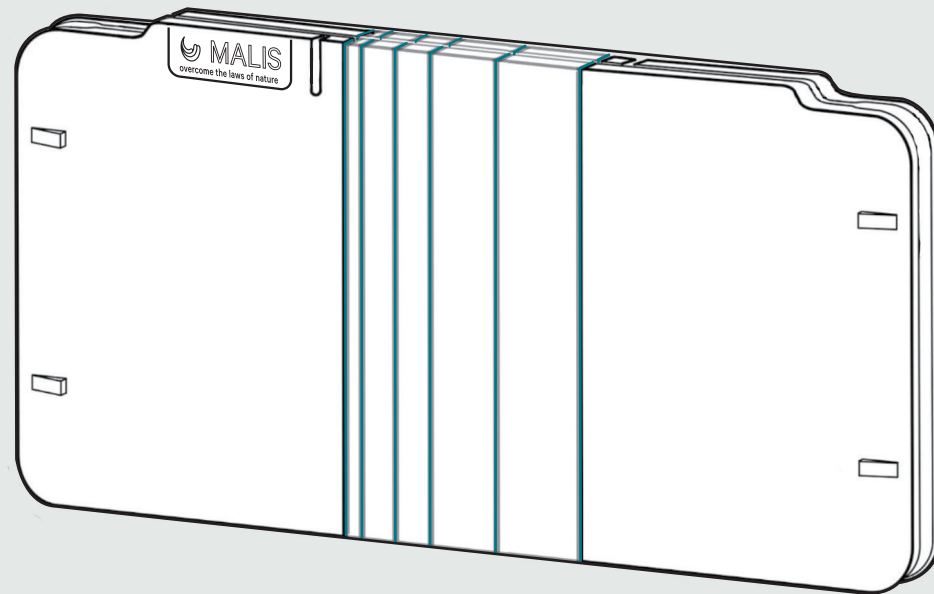


01:35-02:00



5

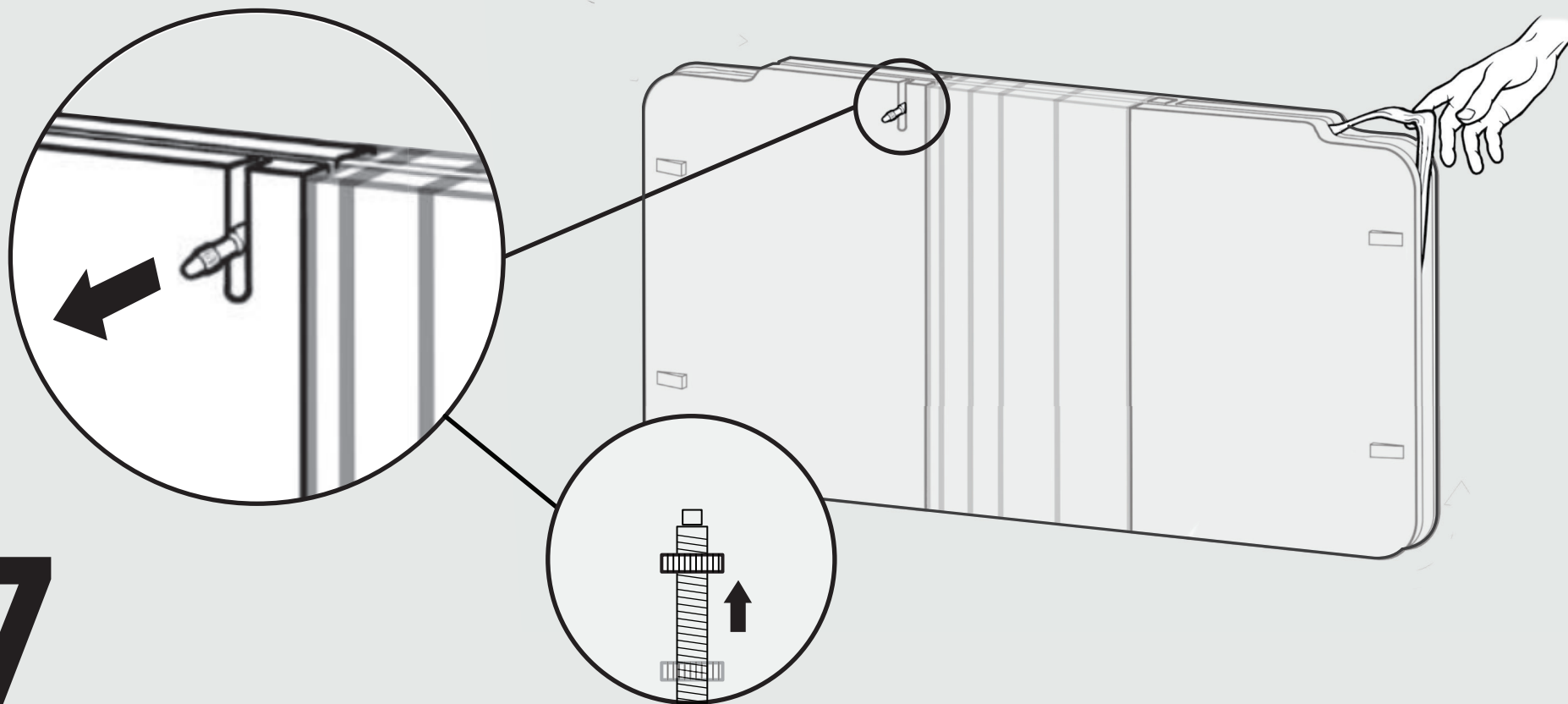
Finish building the barrier by inserting the second side panel (10) into the cylindrical bars (9).



6

Press firmly on both side panels (10) to seal the barrier.

▶ 02:10-02:40



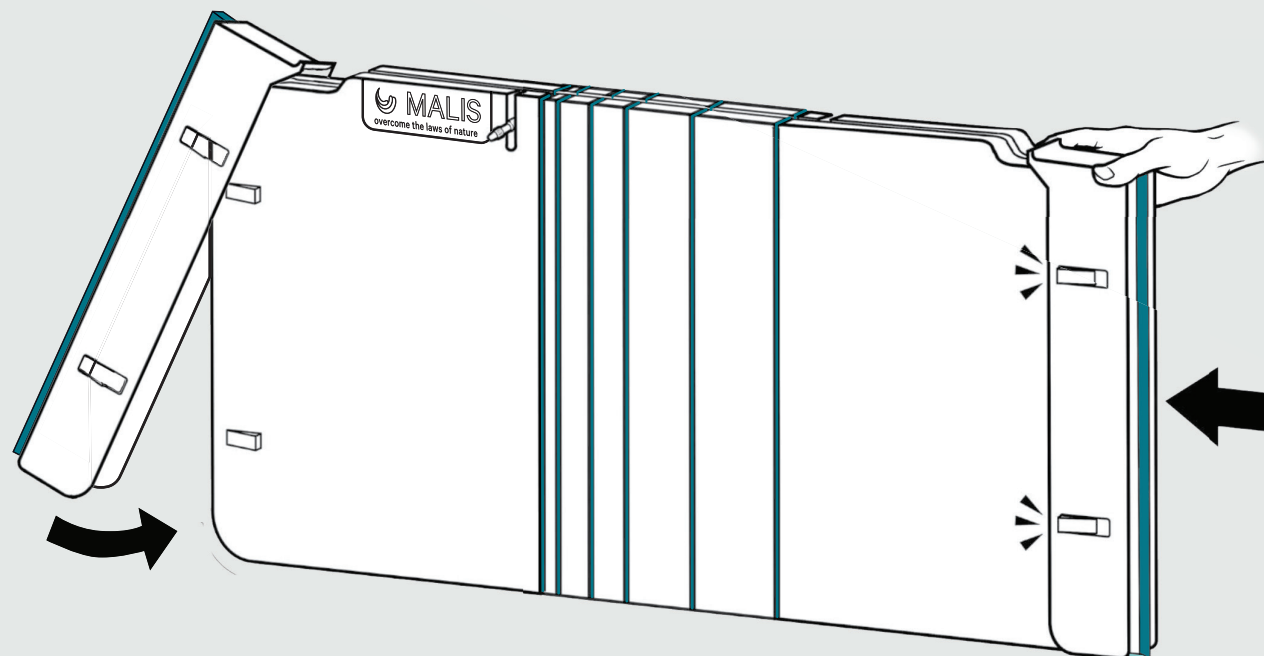
7

Then add the tire (8) to the barrier. Start by placing the air valve in the designated gap on top of the barrier. Then continue inserting the tire in between the grooves around the barrier.



The tire should not be twisted, but fully extend and fit firmly within the grooves.

▶ 02:40-03:00



8

Complete the barrier by adding two end pieces to the left and the right side barriers. Take one end piece (6) and slide it into the side panel (10) until you hear it click into place. Repeat on the other side.



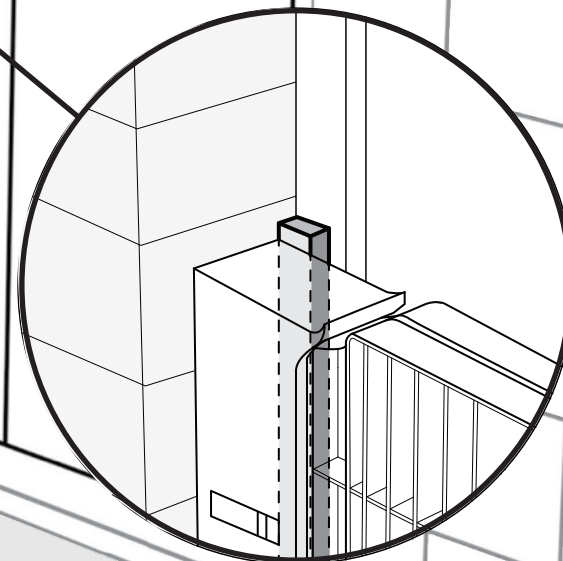
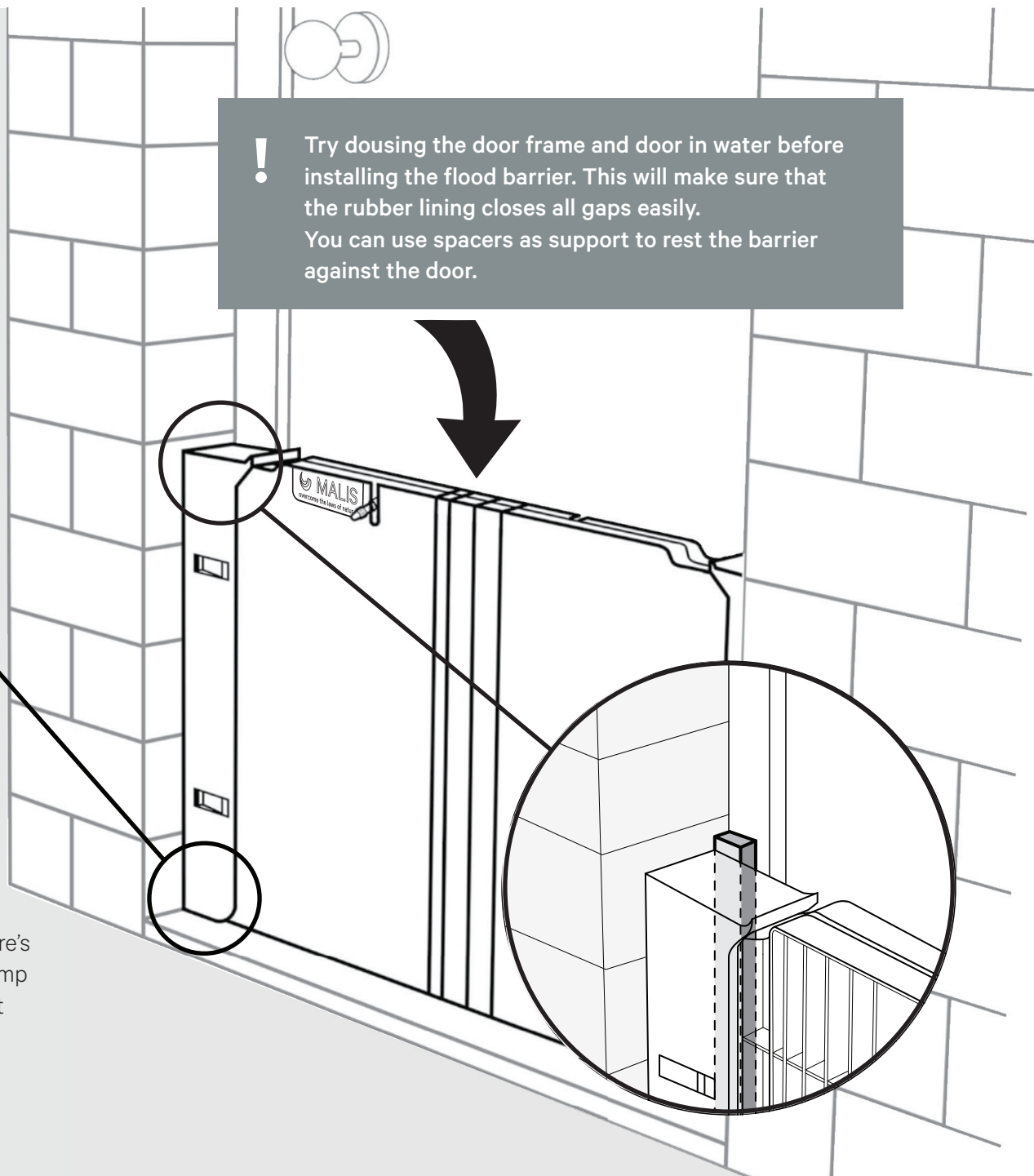
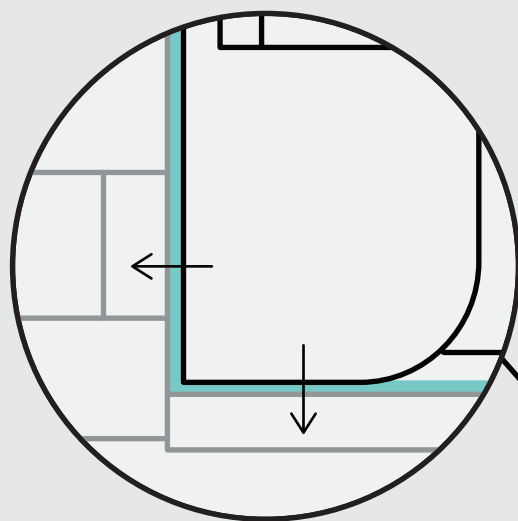
Do not inflate the tire until the barrier is in its final position in the door frame.

▶ 03:00-03:15

9

Place the flood barrier in your entranceway. Make sure the tire's air valve is on top of the barrier and accessible for the air pump (7). The panel needs to rest against the door frame when set up.

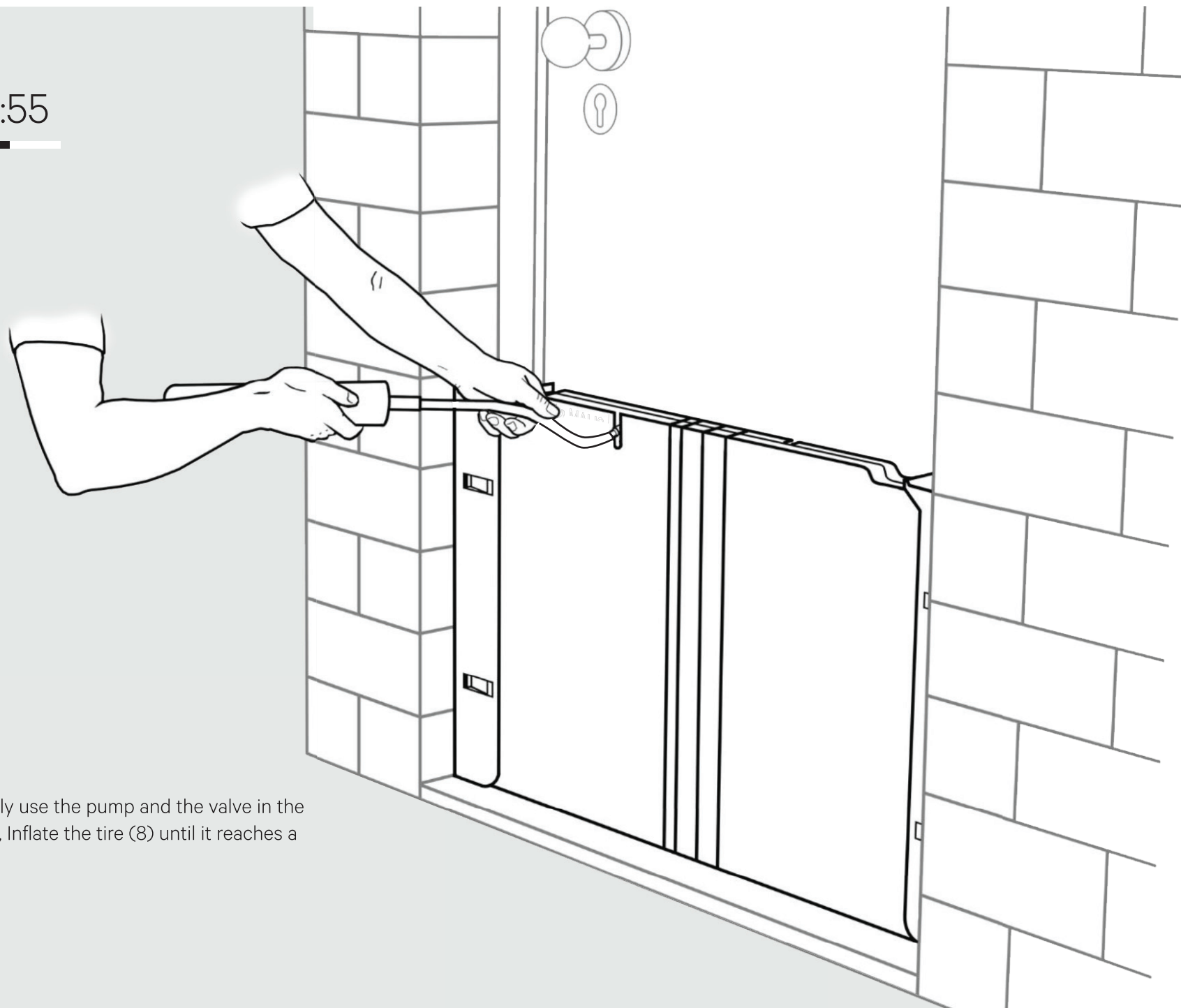
! Try dousing the door frame and door in water before installing the flood barrier. This will make sure that the rubber lining closes all gaps easily. You can use spacers as support to rest the barrier against the door.



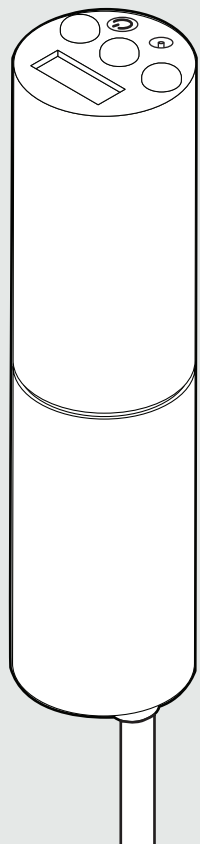
▶ 03:15-03:55

10

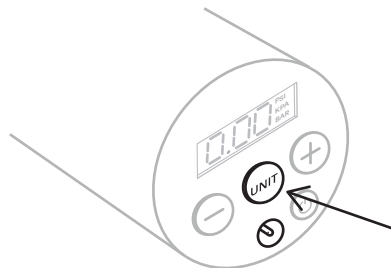
First check how to correctly use the pump and the valve in the following two pages. Then, Inflate the tire (8) until it reaches a pressure of 1.10 BAR.



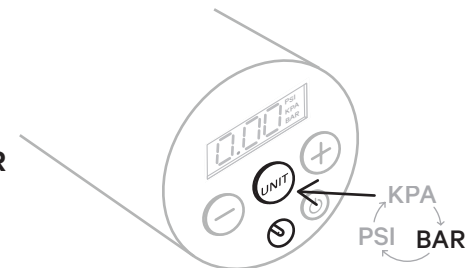
How to use the pump



1 TURN ON THE PUMP

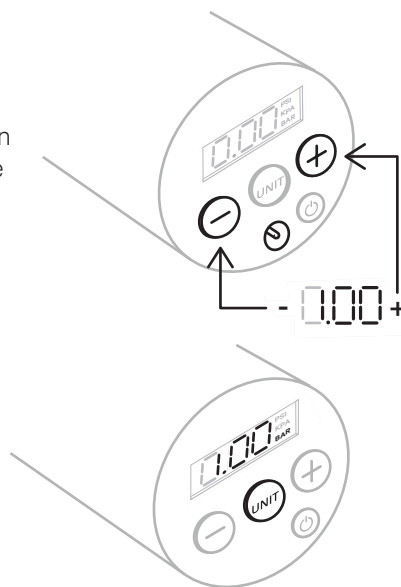


2 SET THE UNIT TO BAR



3 SET THE PRESSURE TO 1.00 BAR

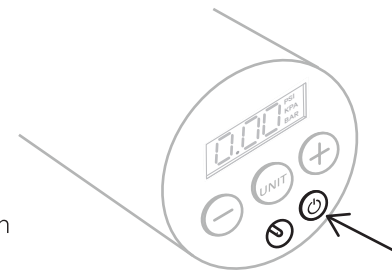
Do not press any button for 3 seconds to set the pressure (numbers will go back to 0.00).



4 START INFLATING

Connect the pump to the valve.

The pump will now remain at 1.00 BAR until something is changed (also when turned off and on).



Pump troubleshooting:

pump
not
working

is the valve
connected fully?

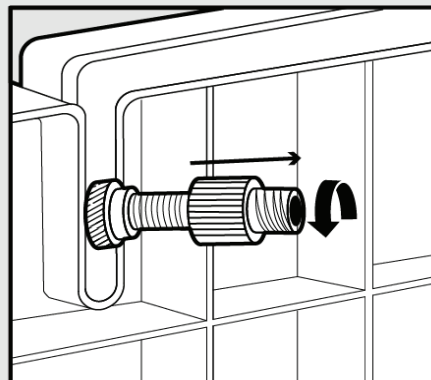
is the battery
fully charged?

is the on/off
button released?

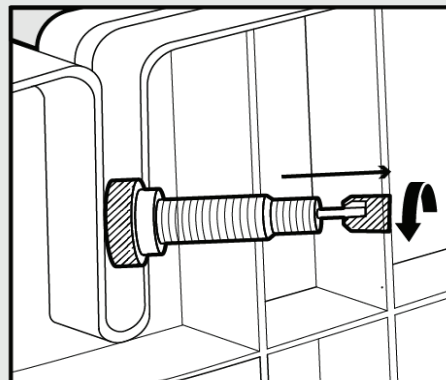
contact
support

How to use the valve

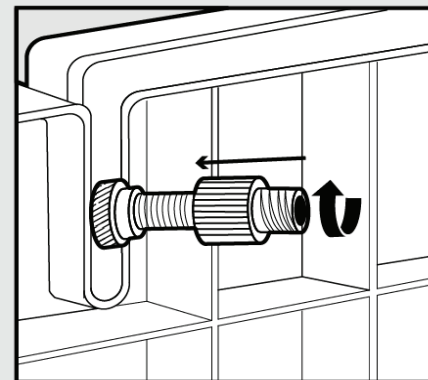
To ensure the security of the barrier, Malis recommends the use of tires with Presta valves.



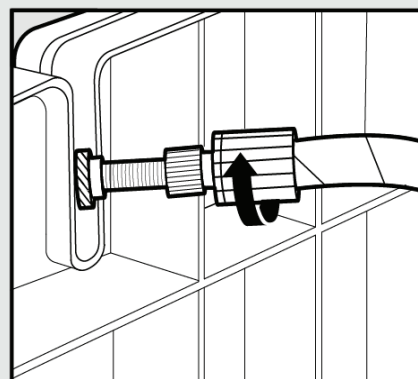
Unscroll the adapter from the valve.



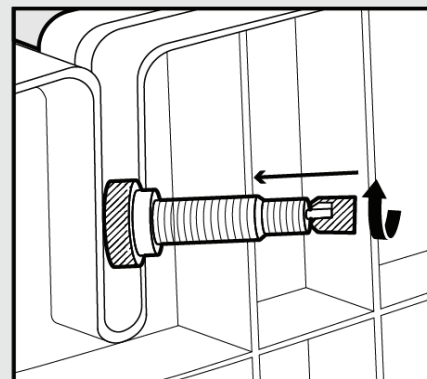
Loose the Presta valve, so the air can flow.



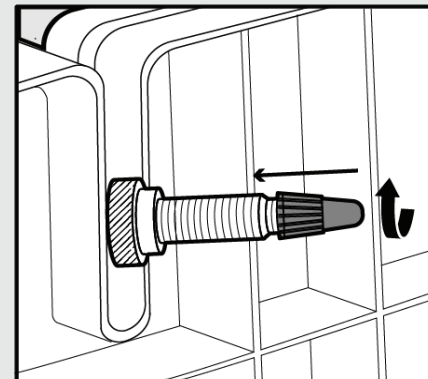
Scroll the adapter back.



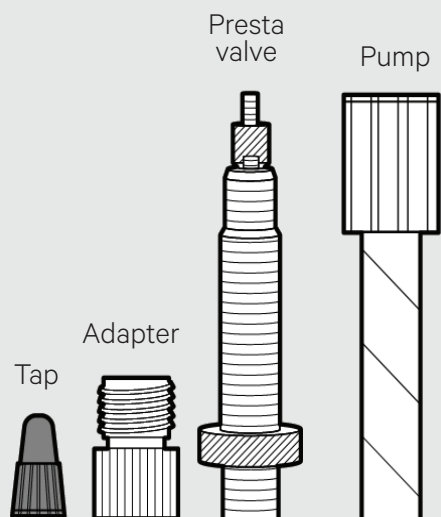
Scroll the pump in. After inflating, remove the pump and the adapter from the valve.



Tight the Presta valve, so the air entrance is closed.



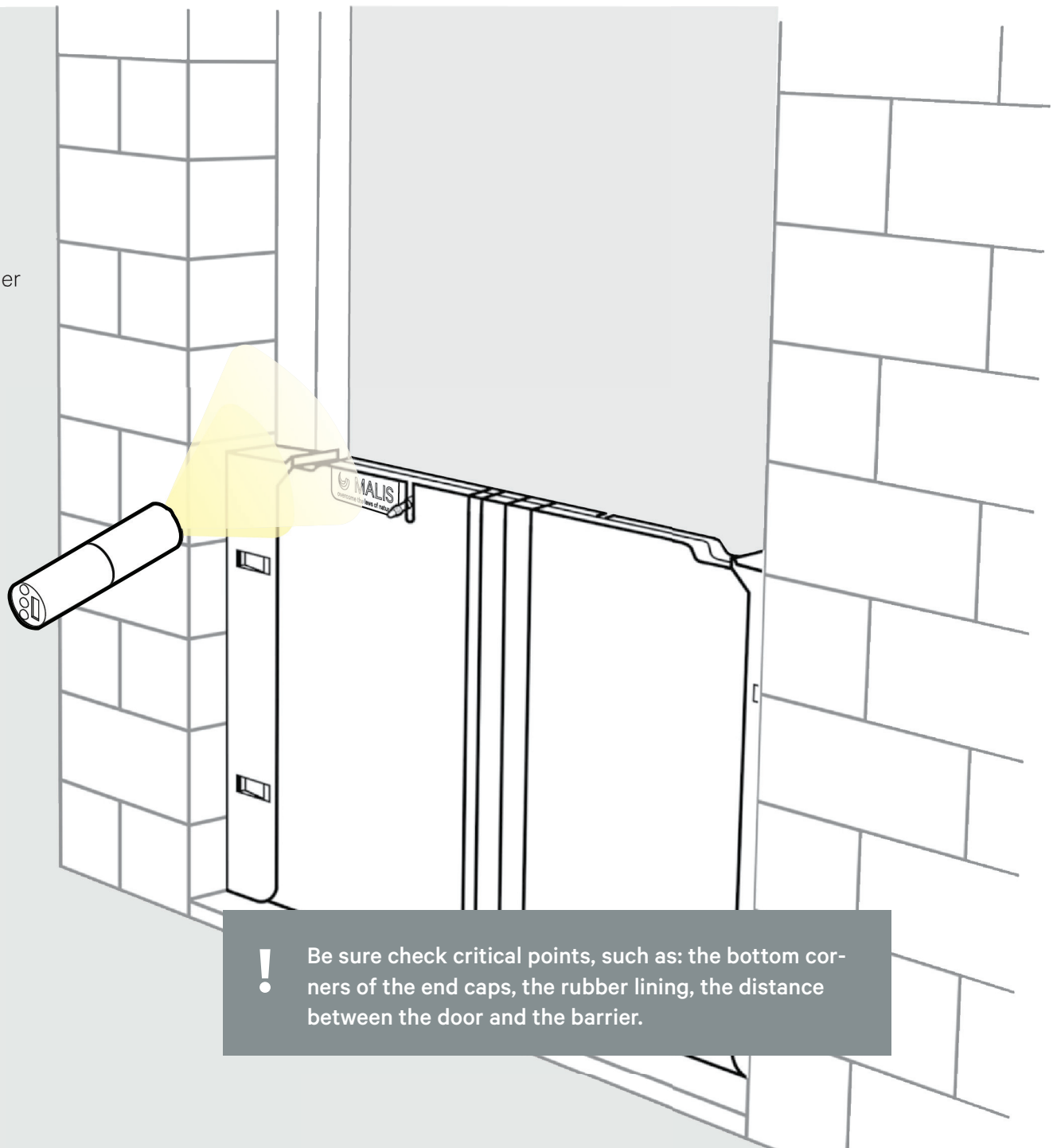
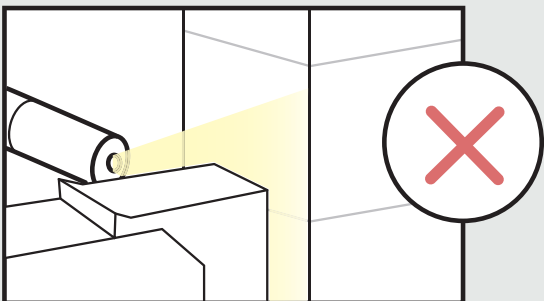
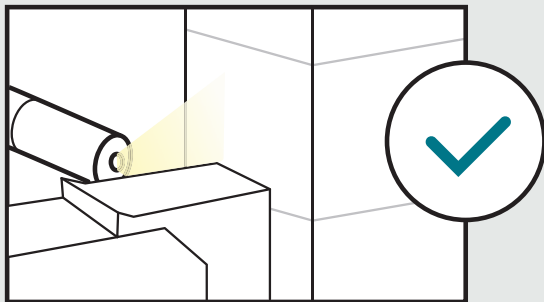
Place the black tap in the valve.



Check your barrier

Use a light test to check if you set up your Malis Floor Barrier correctly.

- Take the air pump (7) and press the LEFT SET button to turn on the light.
- Move the light around the surrounding edges of the barrier.
- If correctly set up, no light should pass between the barrier and the door.



Be sure check critical points, such as: the bottom corners of the end caps, the rubber lining, the distance between the door and the barrier.

 **Malis** Flood Barrier