

# DEPLOY



14R  
INSTALLATION  
GUIDE



## FIRST STEP

Insta-Slab Installation



## SECOND STEP

14R Tank Installation

1



Product should be stored away from **moisture**.

2



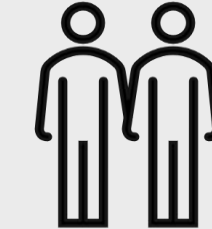
Do **NOT** store the product in **direct sunlight** and temperatures exceeding **40°C (104°F)**.

3



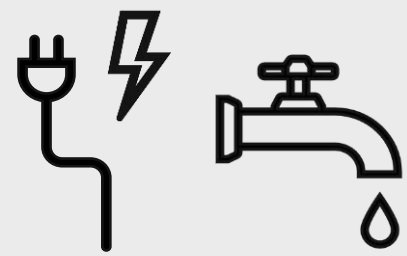
Installation area should be **flat, with no sharp** objects laying around.

4



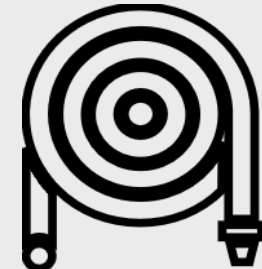
Installation should be performed by at least **two adults**.

5



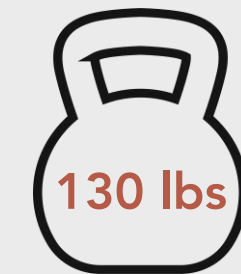
**Power supply** and **water supply** are required for installation.

6



Use a **Spray Nozzle** to hydrate. Do **NOT** use **high pressure** water system.

7



Do **NOT** place anything weighing **MORE THAN 130 lbs** on top of the tank.



## INSTALLATION IN DRY CONDITIONS

- High air temperature > 35°C (95°F)
- Wind > 12 kmph (7.45 mph)
- Strong direct sunlight
- Low humidity < 70%

**BRUSH THE SURFACE OF THE TANK**

**RE-HYDRATE TO GAIN STRENGTH**



## INSTALLATION IN LOW TEMPERATURE CONDITIONS

If temperature is < 0°C (32°F) within 8 hours of hydration:

**USE WARM WATER >15°C (59°F) TO HYDRATE**

**COVER THE TANK WITH A PLASTIC SHEET**



## INSTALLATION IN LOW TEMPERATURE CONDITIONS

If temperature is < -4°C (24.8°F) within 24 hours of hydration:

**INSTALLATION NOT RECOMMENDED**



## 1. UNSCREW

All screws on the shipping crate.



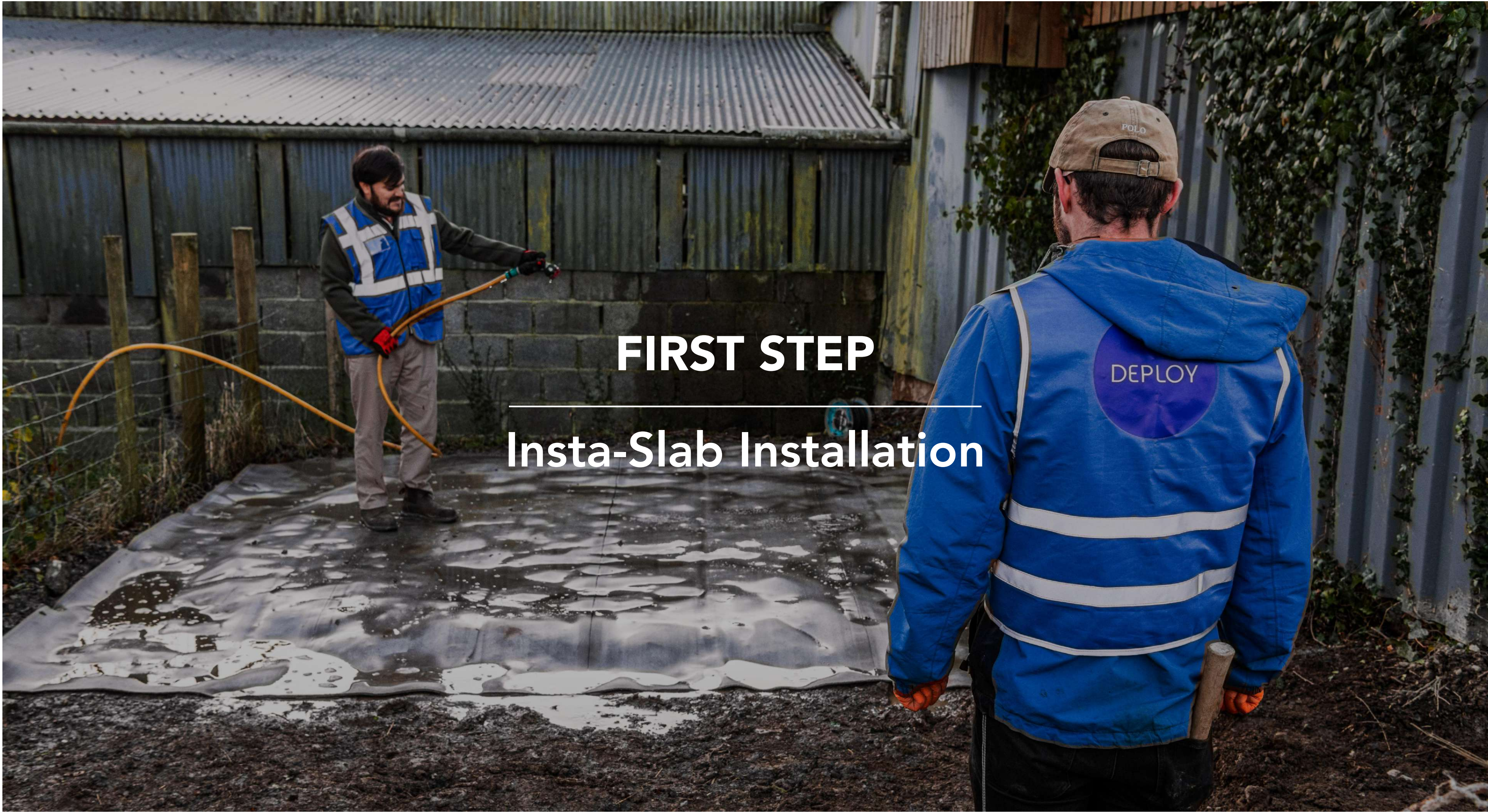
## 2. LIFT COVER

By holding opposing corners



## 3. REMOVE COVER

As well as the supporting wooden beams.



# FIRST STEP

## Insta-Slab Installation

# INSTA-SLAB INSTALLATION



1. Lay the corner in the centre of the installation area.



2. Unfold the Insta-Slab to cover the installation area.



3. Use a hammer to insert the pegs through the eyelets.



4. Fully hydrate the surface with a water hose/spray nozzle.



## SECOND STEP

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## 14R Tank Installation

Gibson 1.5hp Air Blower



Pipe/Fitting Wrenches



Airtight Tape



Rounded Mouth Clamps (x4)



Ladder (x2)



Hose



Spray Gun



9/16" and 11/16" Spanner



Mallet



7mm Socket Driver



Brush (Stiff Bristle)



# [N°1] 14R – PRE-PROCESSING

7mm Socket Driver



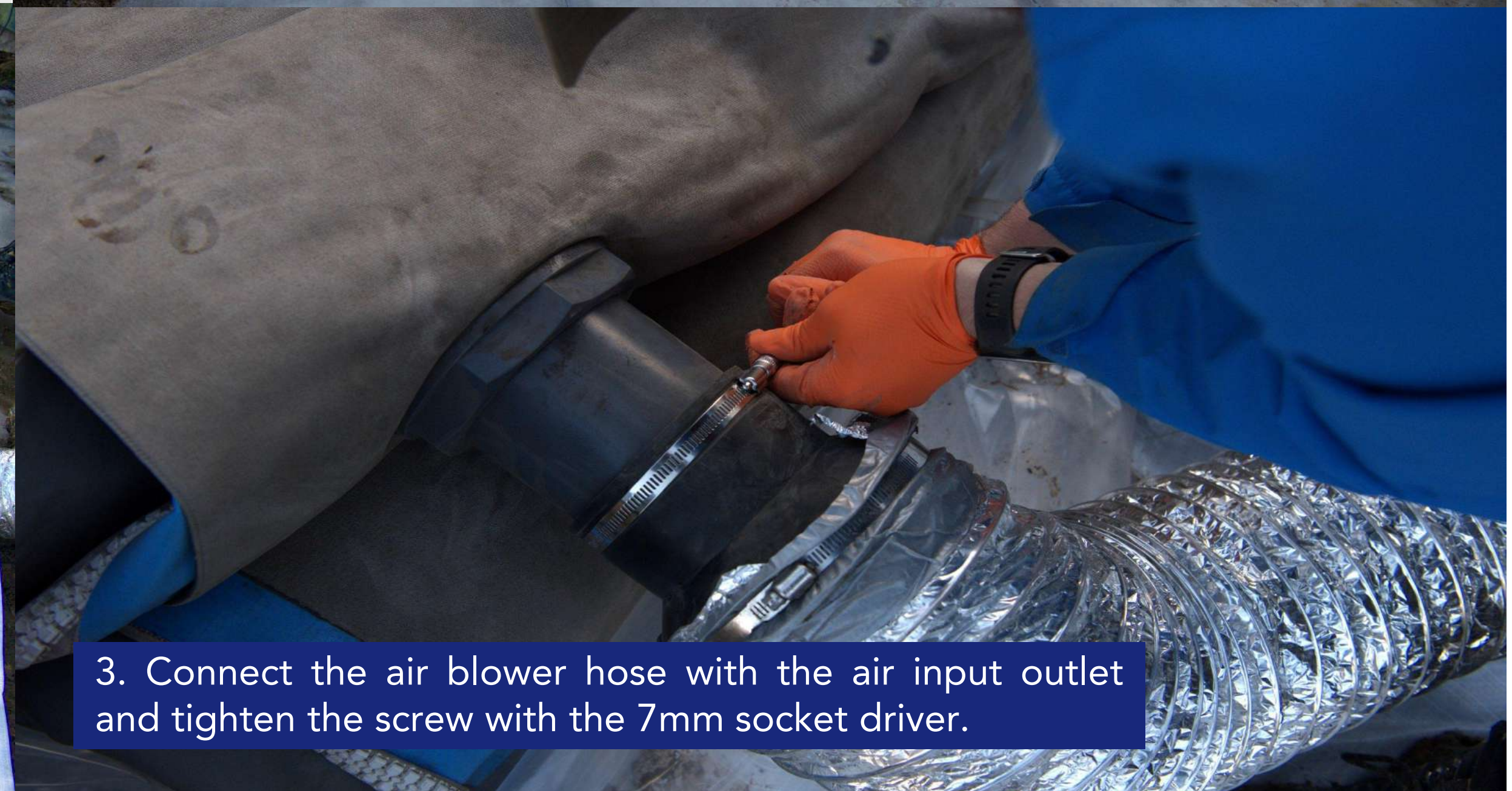
Air Blower Set



1. Place only about 50cm of the tank on the Insta-Slab and start un packaging with a knife making sure just the package layers are cut.



2. Air input outlet should be on the outer side of the Insta-Slab.



3. Connect the air blower hose with the air input outlet and tighten the screw with the 7mm socket driver.

# [N°2] 14R – OPERATING BLOWER

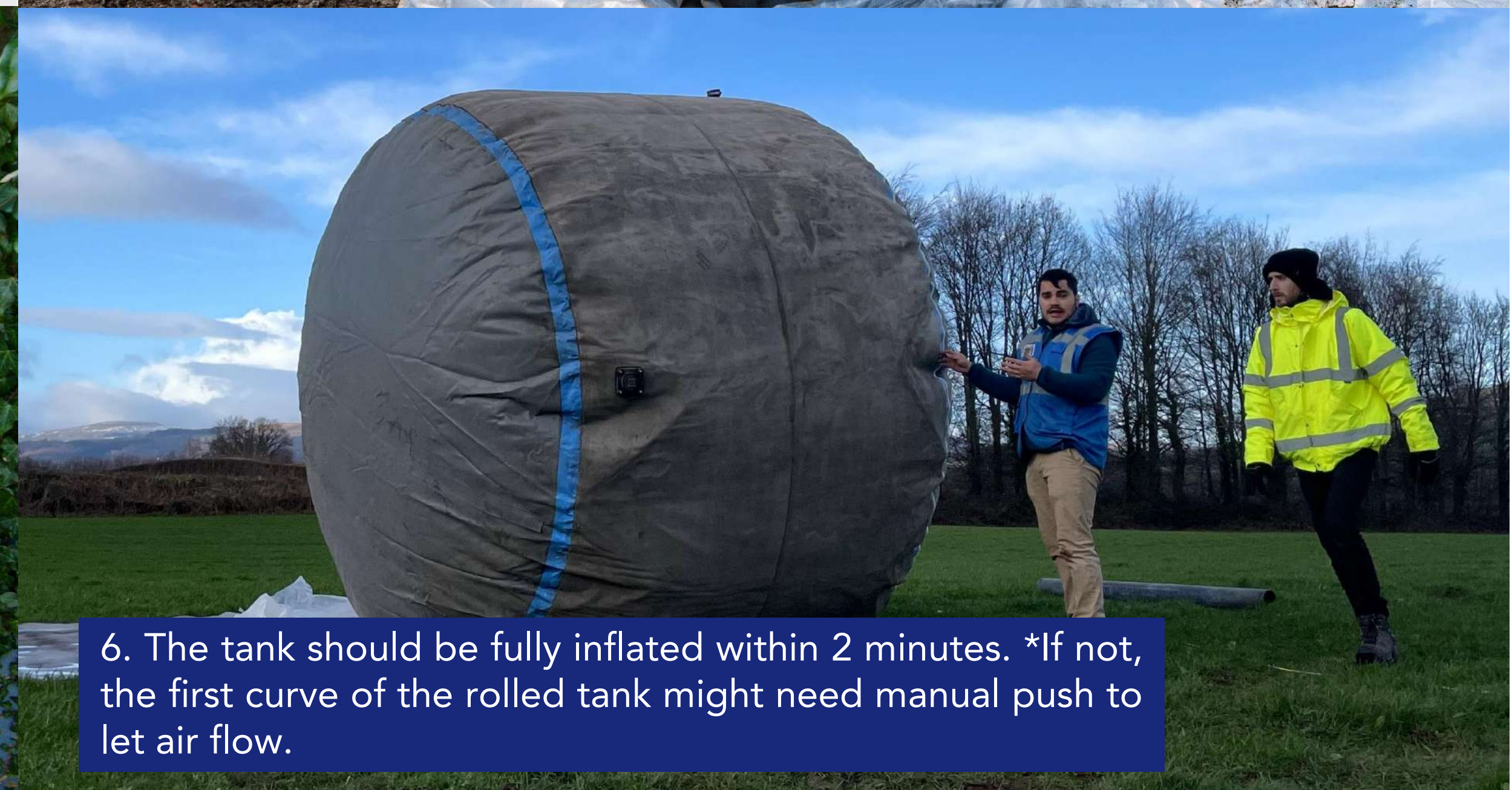
Air Blower Set



4. Adjust the distance between the blower and the tank.



5. Turn on the electricity and inflate the tank.



6. The tank should be fully inflated within 2 minutes. \*If not, the first curve of the rolled tank might need manual push to let air flow.

## [N°3] 14R – TILT



Do not switch off the blower power.  
Ensure the blower is still inflating the tank.

The blower needs to be on 8-24 hours.



7. Tilt the tank so its bottom touches the Insta-Slab.



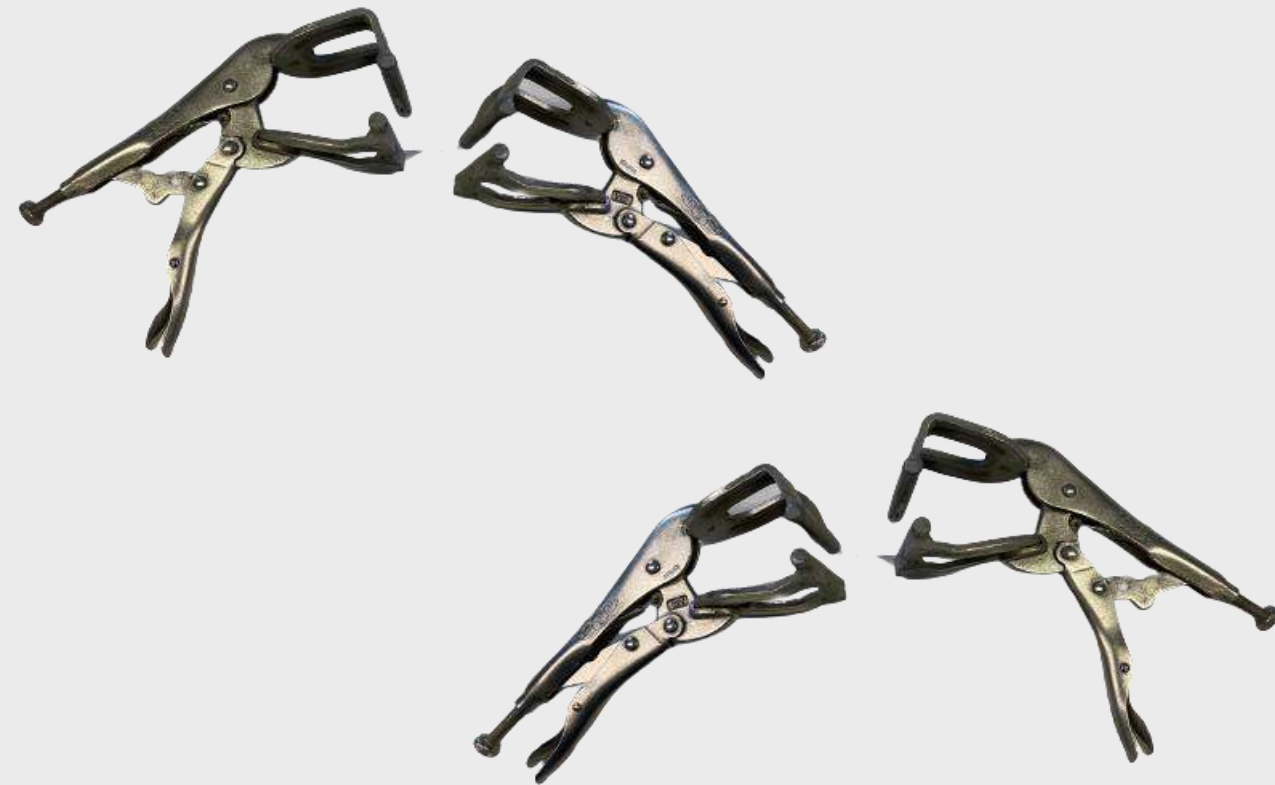
8. Remove the packaging.



\*14R Fully inflated display.

# [N°4] 14R – ADJUST POSITION

Rounded Mouth Clamp (x4)



9. Clamp 2 rounded mouth clamps on each opposite side of the tank.

10. One person pulls and rolls, and the other one pushes and rolls.

\*Ensure the blower is still inflating the tank while adjusting its position.

# [N°5] 14R – BRUSHING THE TANK

Brush (Stiff Bristle)



11. Brush the tank to remove any obstructions in the concrete fabric.

# [N°6] 14R – HYDRATION

Spray Gun



The spray gun provided has different modes

The tanks should be hydrated in the sequence of

1<sup>st</sup> with Gentle Shower x2



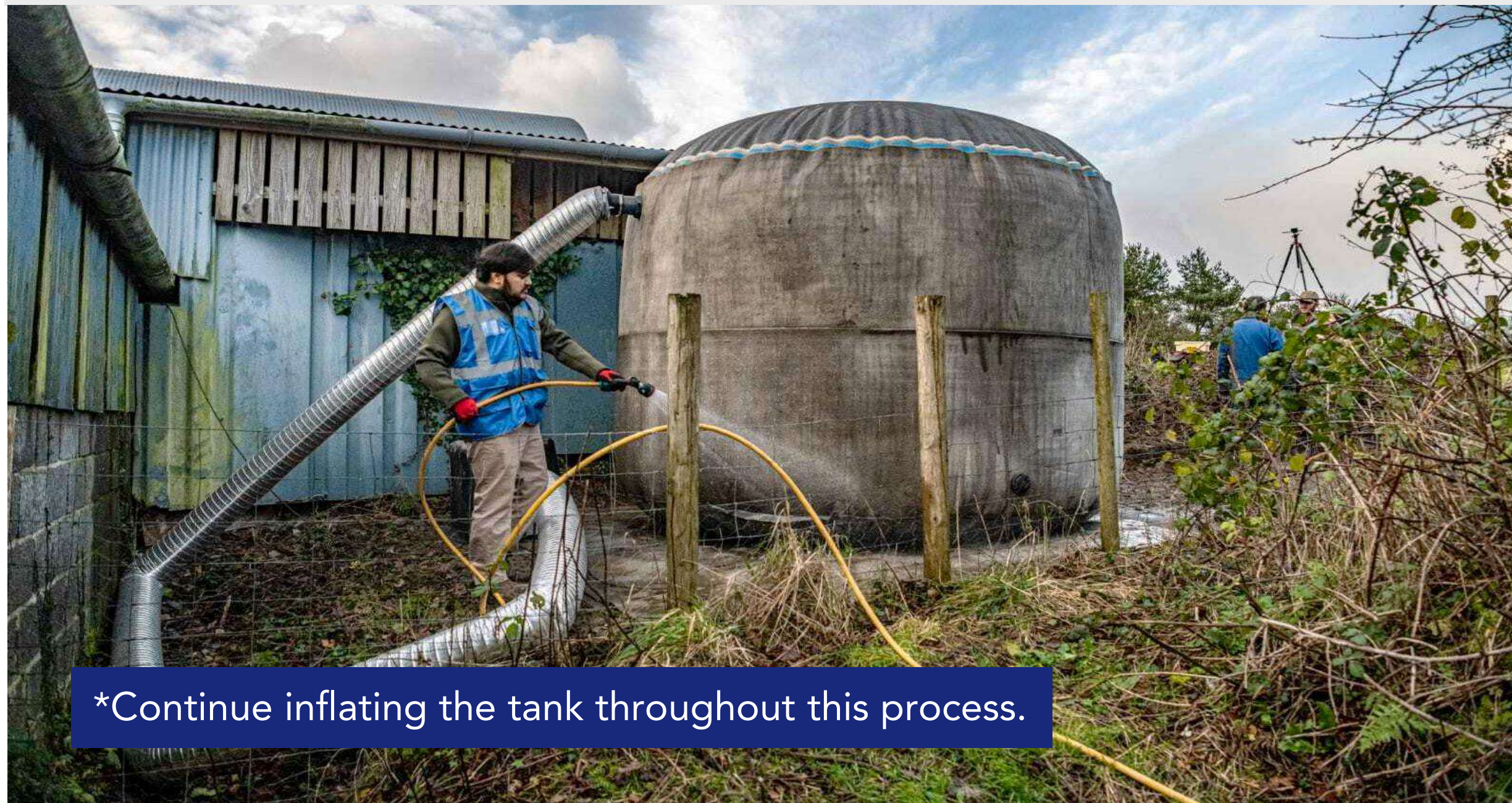
2<sup>nd</sup> with Pressurized x2



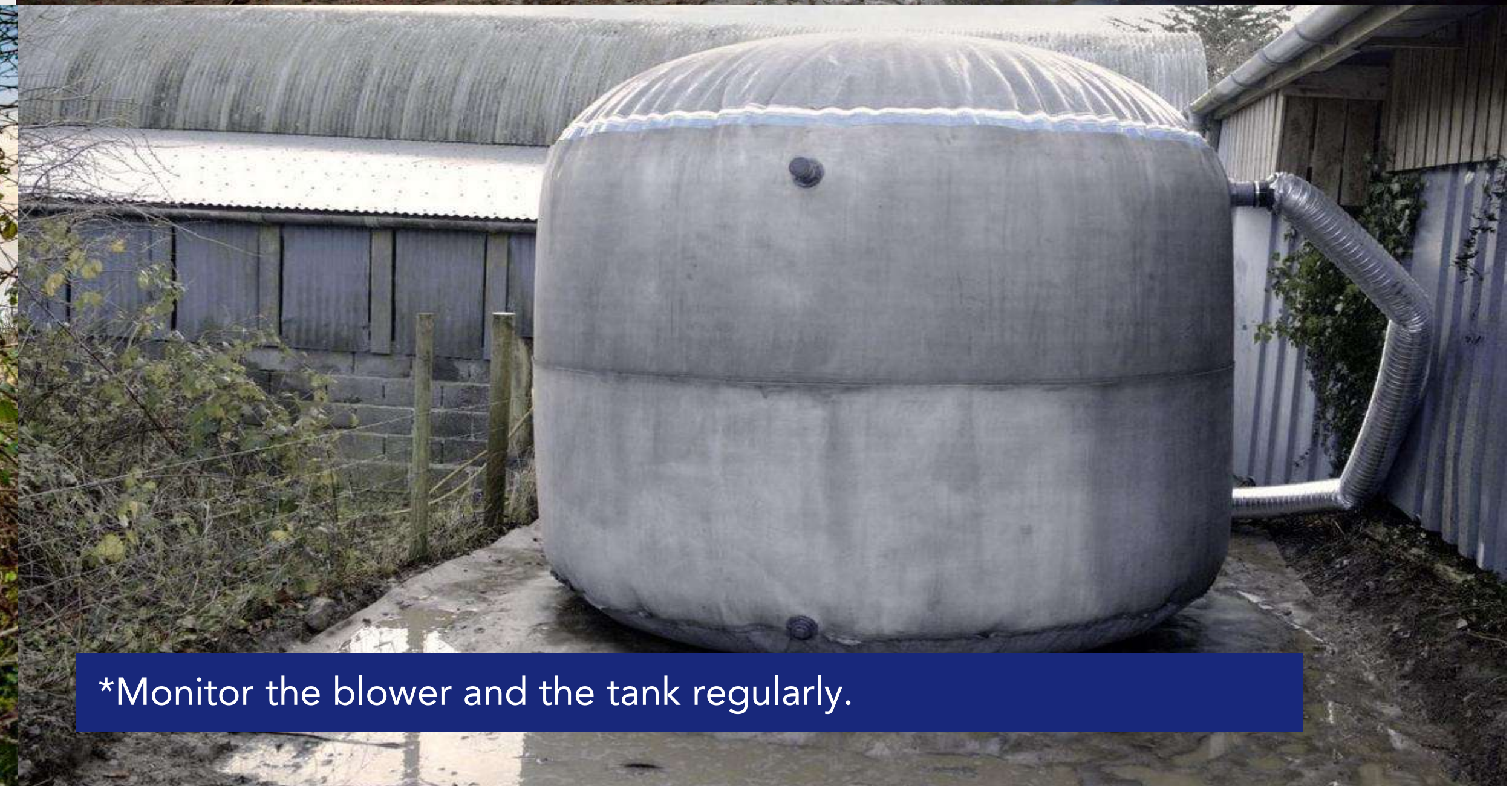
Repeat the same sequence on 2<sup>nd</sup> day.



12. Fully hydrate the entire tank surface.



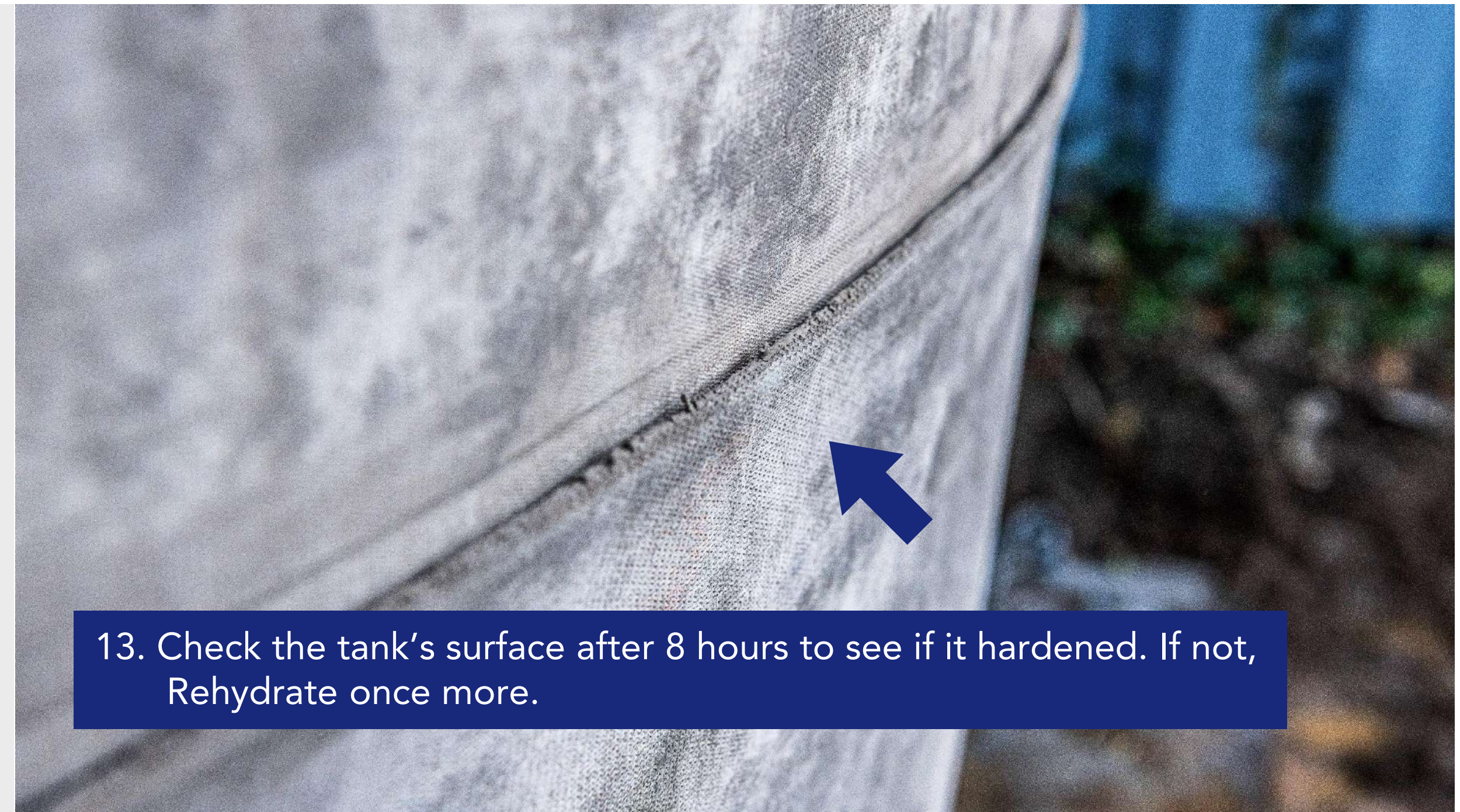
\*Continue inflating the tank throughout this process.



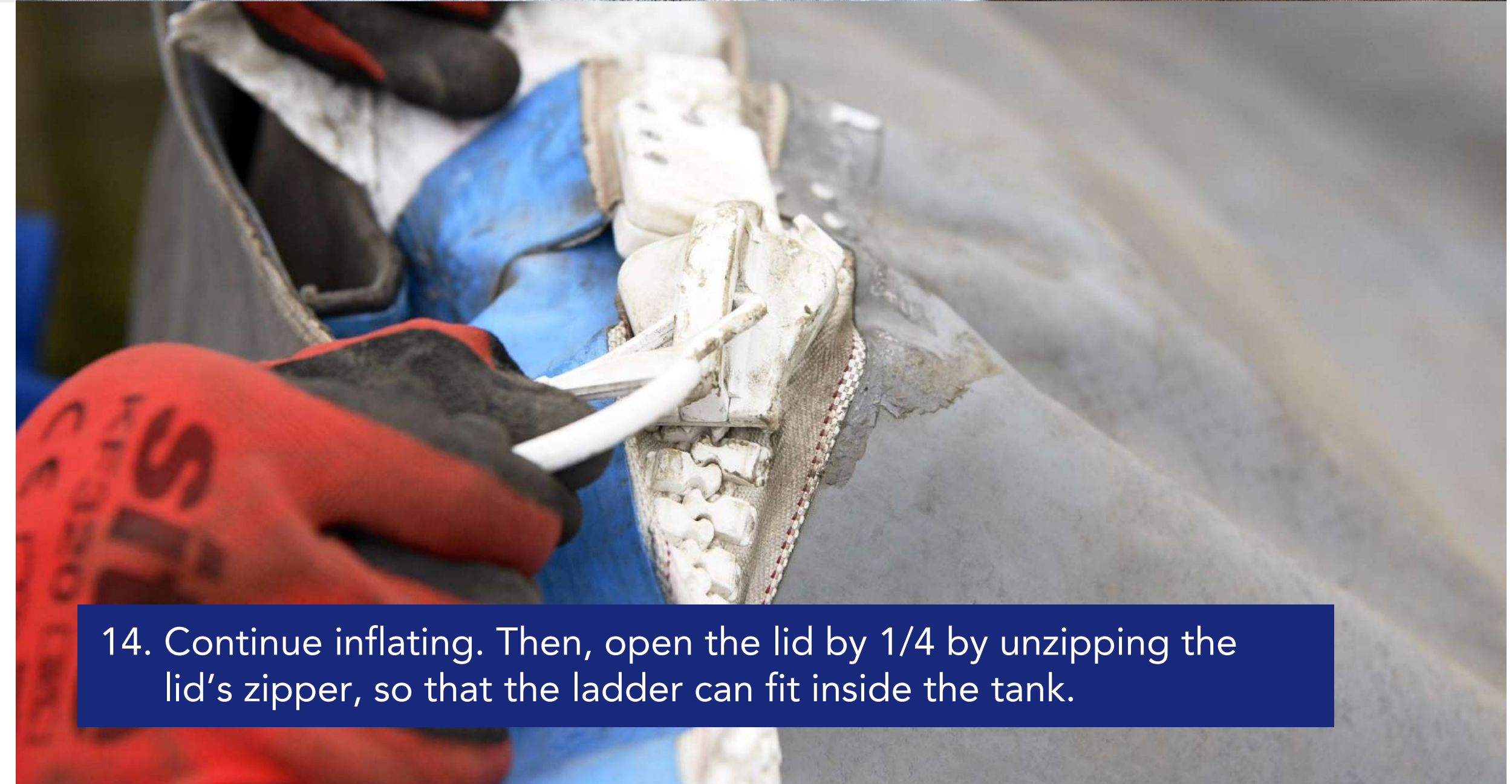
\*Monitor the blower and the tank regularly.

## [N°7] 14R – AFTER 8 HOURS

Ladder (x2)



13. Check the tank's surface after 8 hours to see if it hardened. If not, Rehydrate once more.



14. Continue inflating. Then, open the lid by 1/4 by unzipping the lid's zipper, so that the ladder can fit inside the tank.

# [N°8] 14R – LID SUPPORT STRUCTURE

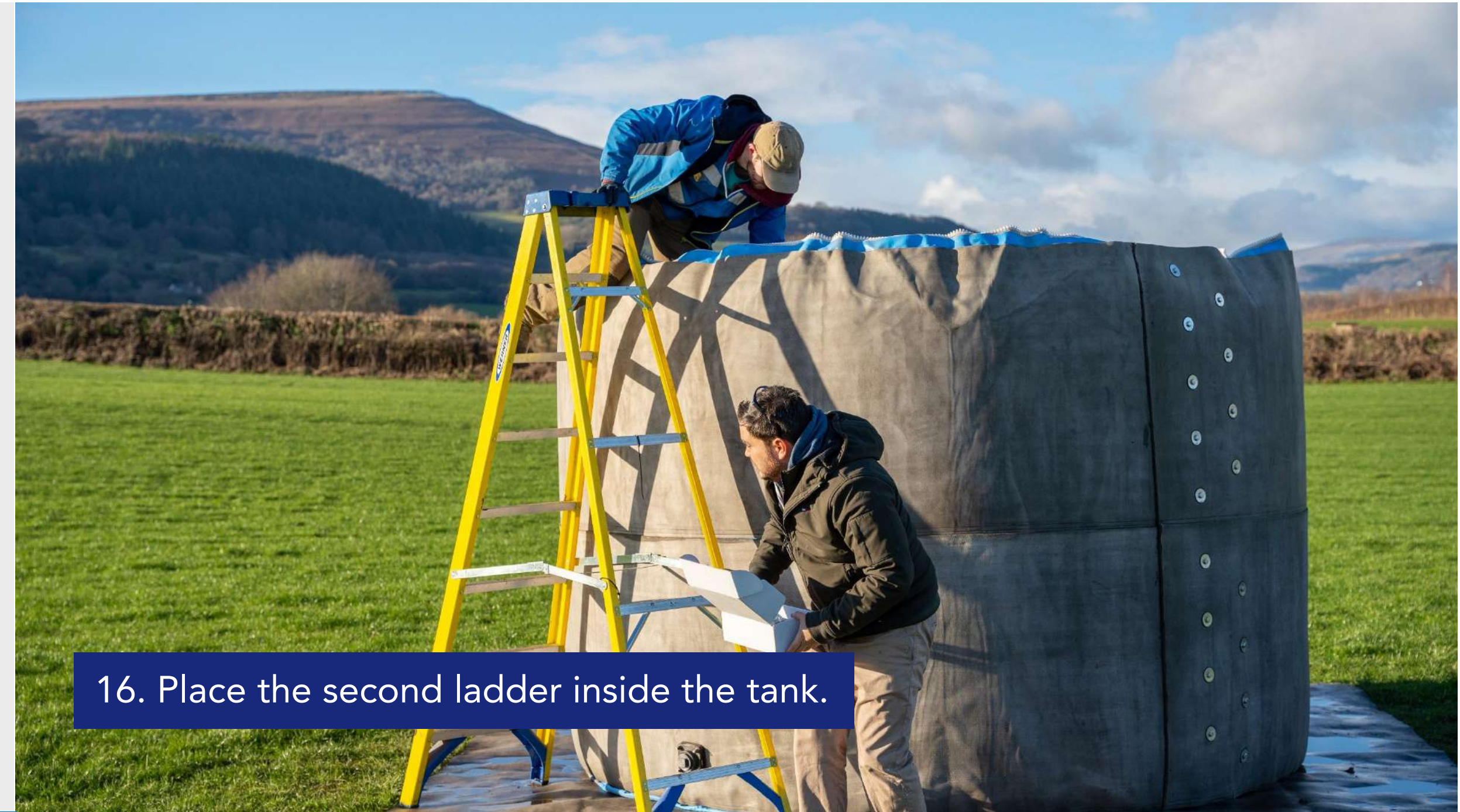
Elbow Connectors  
(8x)



Fibreglass Poles  
(x8)



Hub



16. Place the second ladder inside the tank.



17. Place 8 elbow connectors onto the top of the fibreglass poles.



18. Insert 8 fibreglass poles individually into the hub.



Tighten the bolts and place the bolt caps on.

Reattach the tank lid and zip it up as shown in the video.







# DEPLOY<sup>TM</sup>

Creating Efficient Water Infrastructure

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