



Waterproof under deck drainage system

Double the benefits by extending your outdoor living space under the deck in shelter of all weather conditions.



Transform an idle outdoor space into a useful and enjoyable platform for storage, entertaining, playing, relaxing and dining.



Assembly instructions

www.til-tak.no

On the Scandinavian market for more than 15 years.

GENERAL INFORMATION

There are 2 ways of installing the system.

New decks and retrofitting.

The system contains heavy duty and durable PVC coated canvas with welded cords on both sides, PVC tracks and TIL-TAK asphalt felt.

All necessary accessories are included according to type of installation.

NOTE: Please read all instructions carefully!

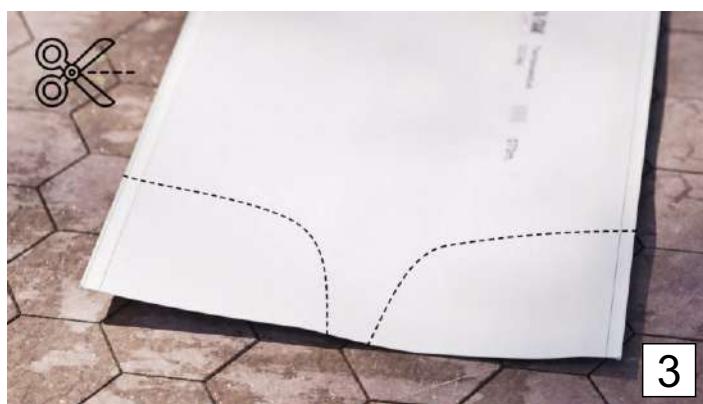
PREPARATION



Measure the length of the joist and add 6 inches.



Roll out the canvas and cut all the lengths according to the measurements.



Shape a tongue in the front end of the canvas. It will hang downwards and function as a downspout into the gutter.



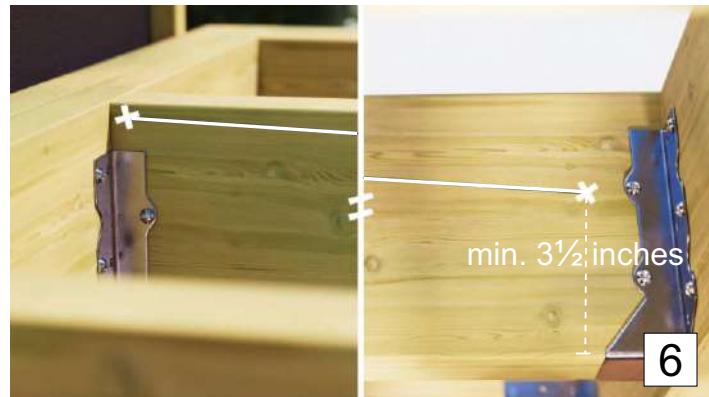
On the other end of the canvas, trim off about 2 inches of the cord on each side.

NEW CONSTRUCTION / REPLACING DECK BOARDS



5

Slide the PVC tracks on to each side of the canvas while it is still on ground level. Make sure that the print on the canvas is facing up.



6

Make a mark at the very top of the joist towards the wall. Make an additional mark at the other end of the joists, min. $3\frac{1}{2}$ inches from the bottom. Snap a chalk line between the 2 points. Minimum drop: $\frac{1}{2}$ inch per 4 feet



7

Install the PVC-tracks with the canvas to the joists along the chalk line. Fold the trimmed end up, and staple to the ledger board.



8

Roll out TIL-TAK asphalt felt on top of all the joists.

NOTE! The inside of the roll must face down.



9

Also use TIL-TAK asphalt felt on top of the rim joist to leave it dry underneath.



10

Shape the asphalt felt as illustrated against the wall on top of the wall ledger, to maintain a dry transition.

(Reinforced asphalt felt is commonly used as dampcourse on brick and block walls)

NEW CONSTRUCTION / REPLACING DECK BOARDS



11

Stretching the canvas is needed. Attach a screw through the track under the canvas on each side, close to the wall ledger.



12

Stretch the canvas on each side on the outer end and place a screw in the same manner to hold it nice and stretched. Use some force, the canvas can be stretched about 1 inch per 10 feet.



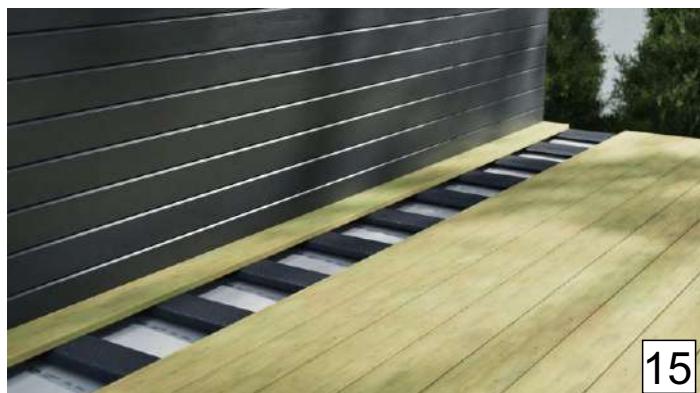
13

Repeat this procedure until all spaces between joists are covered.



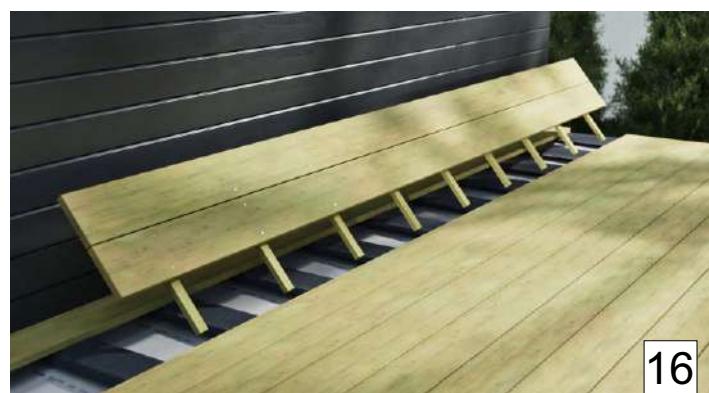
14

The tongue will function as downspouts, leading water into the gutter.



15

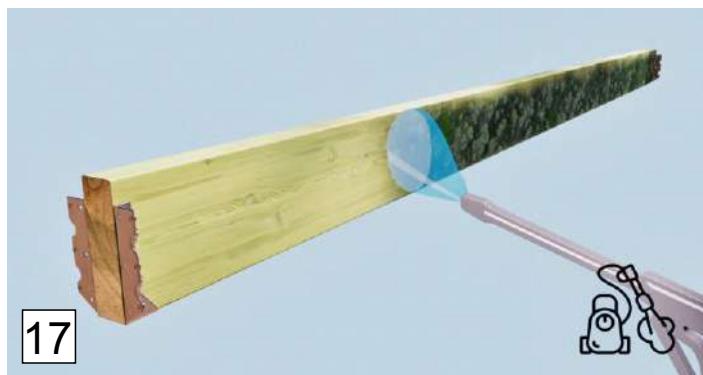
Start installing the deck boards from the wall, working your way outwards. Leave a space of 2 deck boards...



16

...to make a hatch for inspection and cleaning of debris.

RETROFITTING ON EXISTING DECKS



17

Clean the joists properly using a pressure washer, for the sealant to adhere. All dirt must be removed before the TIL-TAK caulk is applied.



18

As with new construction, draw a straight line from inside to outside, with a minimum drop of $\frac{1}{2}$ inch per 4 feet (ref. pict. no.6)



19

Cut the nozzle as shown. Opening should be approx 1/3 inch.



20

Apply the TIL-TAK caulk below the line along the joist.



21

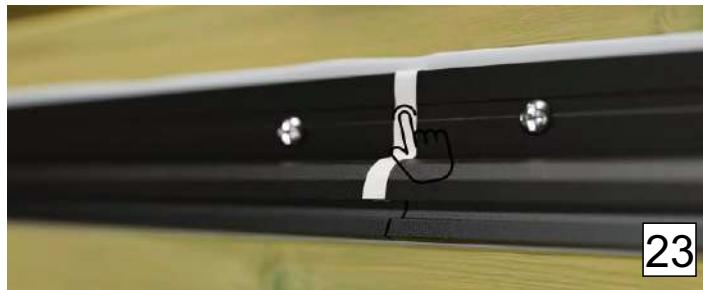
Press the PVC tracks along the line. The TIL-TAK caulk must appear on all sides of the pvc tracks.



22

Fasten with TIL-TAK Light screws every 8 inches. Max 1 inch from each end of the track.

RETROFITTING ON EXISTING DECKS



23

Apply caulk above the groove of each track joint. Then smoothen the caulk with your finger.



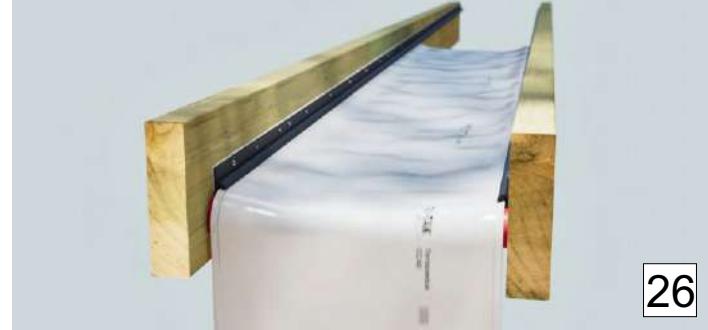
24

Attach the gliding assistant in front of the tracks before entering the canvas.



25

Pull the cords of the canvas into the tracks. The gliding assistant will guide the canvas with ease.



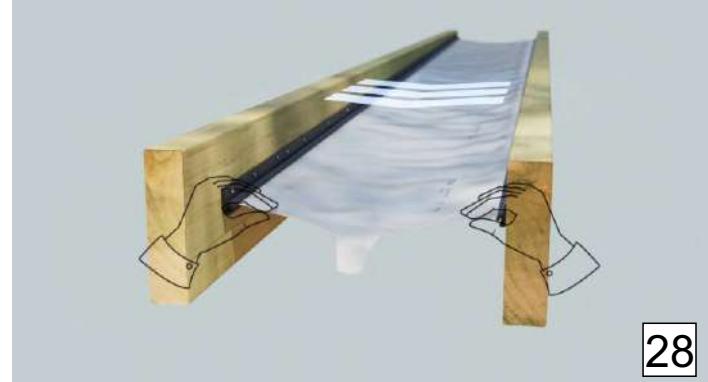
26

Make sure that the print on the canvas is facing up.



27

Stretching the canvas is needed. Attach a screw through the track and canvas/rope on each side close to the wall ledger.



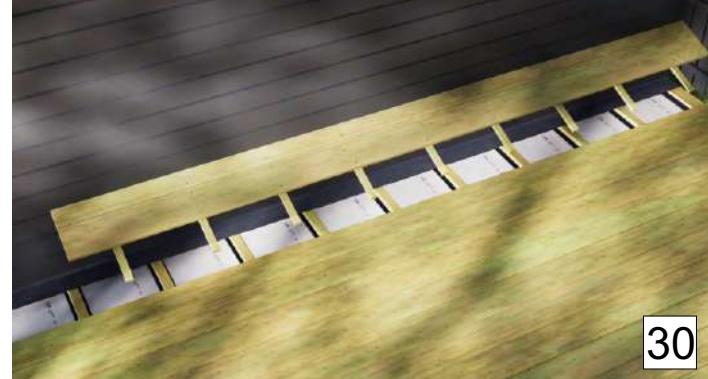
28

Stretch the canvas. Use some force, it can be stretched approx. 1 inch pr 10 feet.



29

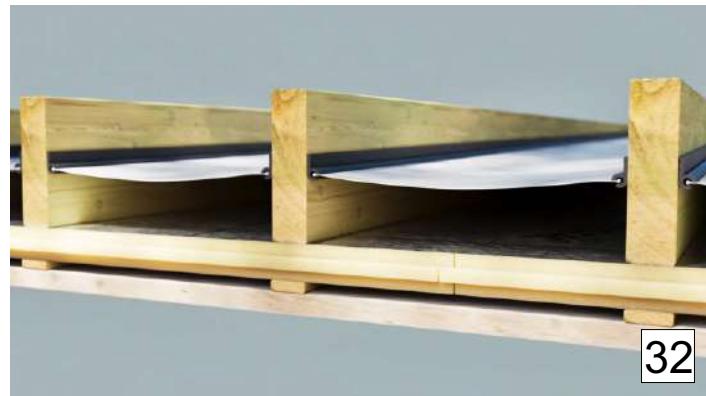
Attach screws in front to lock the TIL-TAK canvas in position.



30

Ref. pict. no 10 and 16, we recommend removing 2 deck boards for dry transition and inspection/cleaning of debris.

UTILIZING THE SPACE UNDER THE DECK



Diagonal bracing / Sway brace

Bracing the frame (joists and ledgers) is highly recommended, to minimize and even eliminate sway. Brackets ready made for this intent is recommended. Other means are also possible based on accessibility.

If the area under the deck is intended for enclosed spaces, e.g. conservatory or storage room; insulating underneath the joists is necessary. Polyiso insulation rigid foam boards are the only recommended insulation. These boards are moisture and fire resistant, and can be covered by soffit boards.

PRO2PRO INSTALLATION ASSISTANCE



For free one-on-one live video installation training,
contact us on: post@til-tak.no
and make an appointment.

TIL-TAK AS
- innovasjon i praksis ®

In addition to these assembly instructions, we offer you a detailed video, that covers most of what you need to know.



Installation video



Waterproof under deck drainage system

The system consists of:

- PVC-canvas - Length 49 or 82 feet
- PVC tracks - Length approx. 4 feet each
- Screws
- TIL-TAK sealant (retrofitting)
- Gliding assistant (retrofitting)
- TIL-TAK 2 mm reinforced asphalt-felt with fine sand on both sides.



Properties:

- Heavy duty PVC coated canvas.
- Fits center-center 16 inch joist space
- UV resistant
- Non-flammable
- Long lifetime
- There is 1 (metric) meter between each logo on the canvas.

TIL-TAK sealant is the only caulk approved in use with TIL-TAK drainage systems!

NOTE! When using TIL-TAK caulk, the work needs to be carried out at temperatures above 0° Centigrade!

TIL-TAK asphalt felt is essential to get a 100% waterproof result together with TIL-TAK Light. It also allows you to use concealed fastening of the decking boards, to still be confident that no water will penetrate.



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