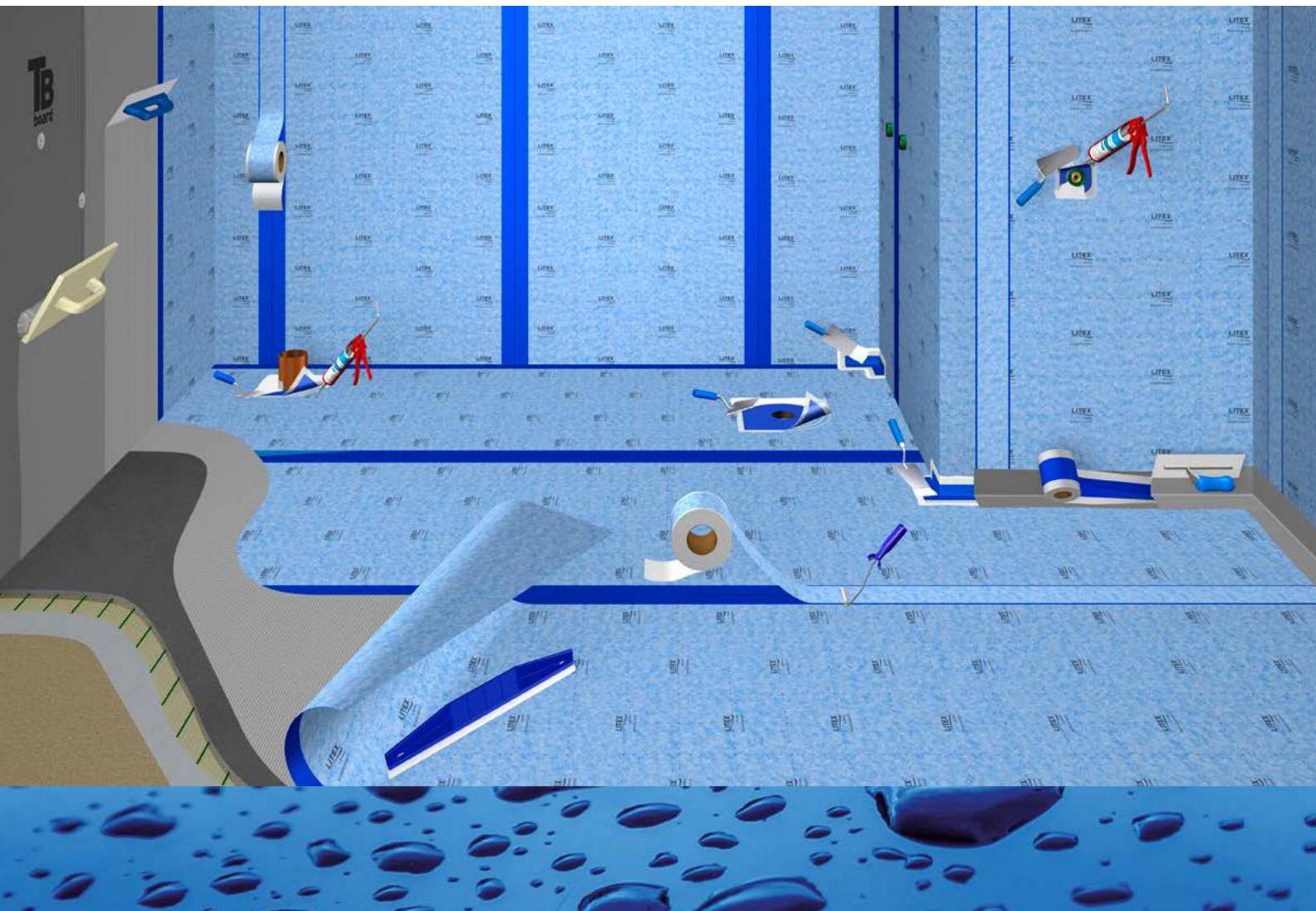




MEMBRANE
SHEET

LITEX®
by **PROTAN**

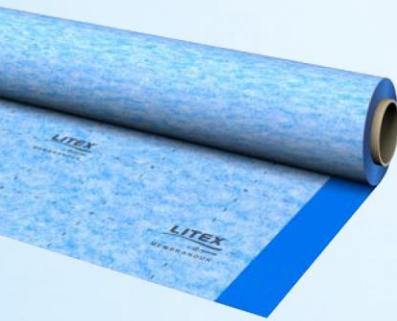
Assembly instructions for **LITEX MEMBRANE SHEET**



 **SAFE**  **QUICK**  **PROFITABLE**



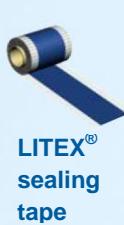
CHECK-LIST



LITEX® membrane sheet



LITEX®
membrane
tape



LITEX®
sealing
tape



LITEX®
external
corner sleeve



LITEX®
internal
corner sleeve



LITEX® pipe
sleeves



LITEX® drain
sleeves



LITEX®
two-component
glue for gluing
the sheet



LITEX®
assembly glue
for sleeves

MEMBRANE SHEET FOR WALLS AND FLOOR

Litex Membrane sheet can be installed on plasterboard, wet room boards, concrete or other solid surface, and can be installed on both walls and floor. The sheet has a unique joining system that prevents capillary migration and allows for efficient installation. Read the entire assembly instructions before starting.



EFFICIENT



APPROVED
SYSTEM

RECOMMENDED TOOLS

Mixer for mixing glue, glue gun, smooth spatula with approx. width 40 mm, float approx. 30 x 40 cm, notched spatula 4 x 4 or 3 x 3, trowel, brush, internal corner trowel, wallpaper smoother approx. 40 cm, wallpaper cutter, ribbed roller, cloth.

PREPARATIONS

Cut the required lengths of Litex membrane sheet for the entire room. Cut the required lengths of Litex sealing tape for the joints between floor and wall. The length of the sealing tape for the joints between floor and wall shall be approx. 5 cm shorter than the length of the wall, when using prefabricated internal and external corners. Remove the clamp ring from the drain.

1. MIX TWO-COMPONENT GLUE

Mix two-component glue by firstly adding liquid then powder. Mix this well using a mixer. Allow the glue to rest for 1-2 minutes before mixing once again.



Advice:

Save some of the liquid, corresponding to 2 cm, when mixing. This allows you to use the glue for longer. Add some extra liquid later when the glue starts to get thicker.



Consumption: Approx.
1.5 kg/m² when using a
3 x 3 notched spatula.

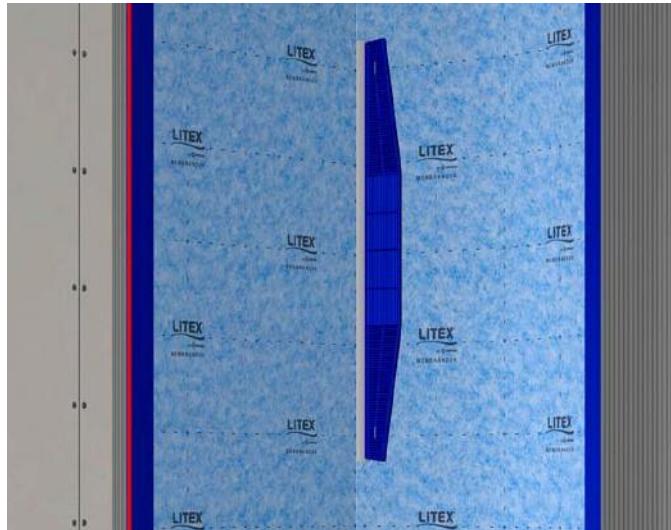
2. PREPARATIONS FOR ATTACHING THE MEMBRANE SHEET TO THE WALL

Start in the corner where the shower will be fitted and mark out a vertical line approx. 50 cm from the corner. Apply two-component glue using a float in widths of 1 metre from the vertical line. Then use a notched spatula to spread the glue over the wall before laying on the membrane sheets. If you are working alone, work on one length of sheet at a time.



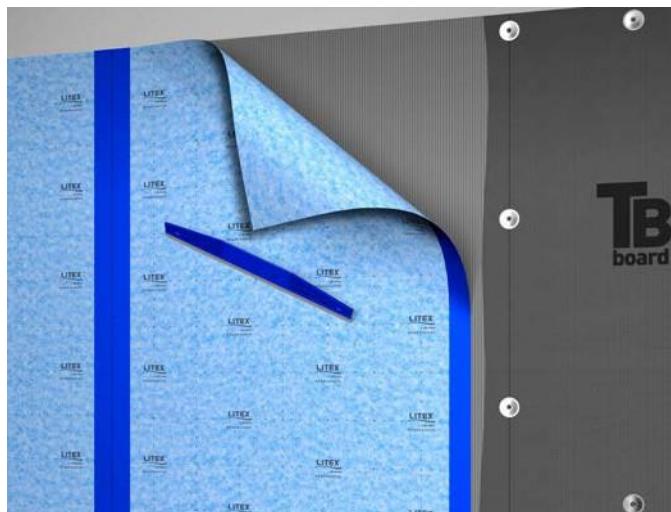
3. FIT THE MEMBRANE SHEET TO THE WALL

Start by placing the sheet on the wall. Start at the vertical line and smooth the sheet into the corner then out onto the adjacent walls. Press out any air bubbles using a wallpaper smoother or similar, and ensure that the entire wall is smooth. Pull off a corner of the sheet to check that there is enough glue. If you are satisfied with the quantity of glue, smooth the corner back into place.



4. FIT THE MEMBRANE SHEET EDGE TO EDGE

Continue with the next 1-metre length, smooth and repeat the procedure. The membrane sheet shall be fitted edge to edge so that the blue areas are adjacent. If you are using a membrane that you apply by spreading on the floor instead of membrane sheet, make sure you have an overlap on the floor of 5 cm. Ref. the standard for wet rooms 34.335 fig. 34b



5. FITTING THE MEMBRANE TAPE

Once you have applied membrane sheet to all the walls, wipe off any excess glue that has emerged from the smooth, blue sides of the sheet with a cloth. Cut the required lengths of Litex membrane tape for all the joints that you have fitted edge to edge. Apply the membrane tape to the smooth, blue area along the joint. Make sure the smooth, blue area is visible on each side of the membrane tape. Finish by rolling over the membrane tape with a ribbed roller.

In a bathroom, there will most likely be one joint that cannot be fitted edge to edge. Make sure this joint is as far from the shower corner as possible, preferably by the door. When you have a joint that cannot be fitted edge to edge, lay the sheets with a 10-cm overlap, glue them and seal using Litex two-component glue.



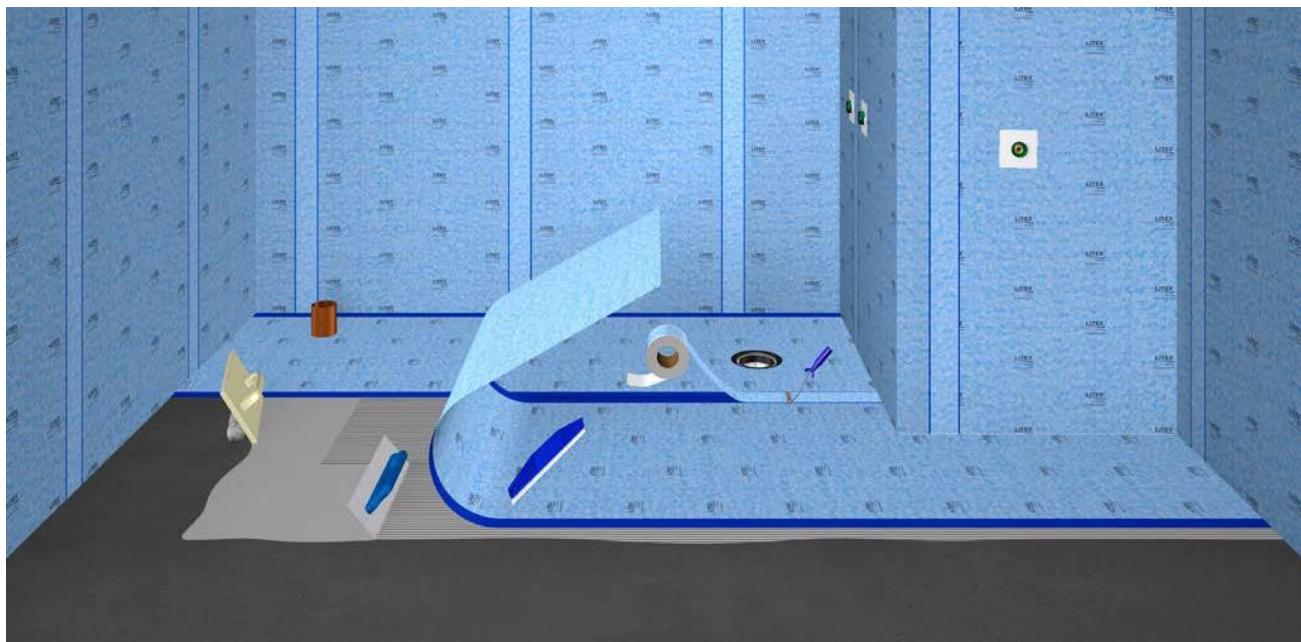
6. FITTING PIPE SLEEVES

Apply Litex assembly glue around the pipe penetrations and assemble the pipe sleeves. Apply the glue evenly over the area using a trowel. Spread any excess glue over the sleeve.



7. LAY THE MEMBRANE SHEET ON THE FLOOR

Start at the innermost wall and work with one length of sheet at a time. Apply two-component glue using a notched spatula on the floor before laying the sheet. We recommend working with one length of sheet at a time. Start by smoothing out the sheet and smooth it into the corner then on to the adjacent walls. Smooth out any air bubbles using a wallpaper smoother, and make sure the sheet is laid smoothly over the floor without any air pockets. Repeat this process by laying the second length of sheet edge to edge with the first layer of sheet. Continue until the entire floor is covered. Wait for around two hours then seal all joints using membrane tape. When you have laid sheet over the drain, cut a hole to reveal the flange of the drain.



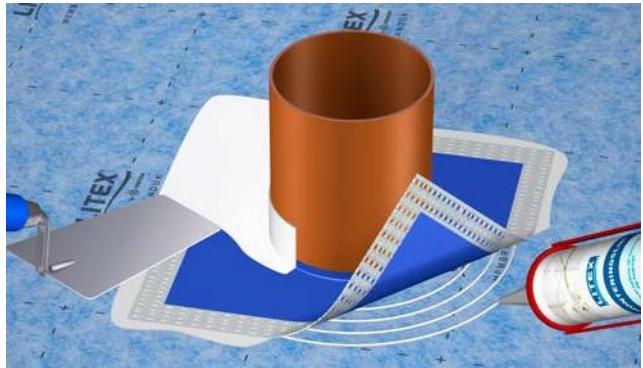
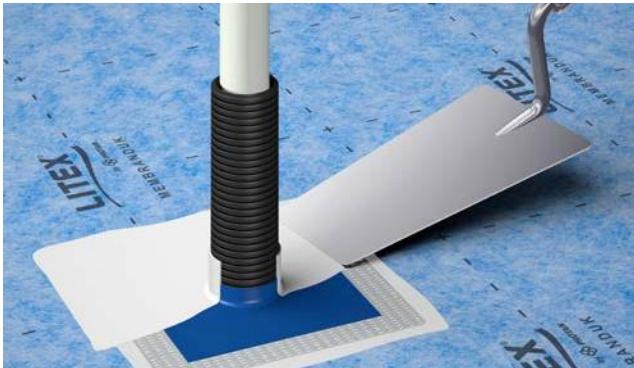
8. FITTING THE DRAIN SLEEVE

When fitting the drain sleeve, start by spreading assembly glue around the drain. You then fit the drain sleeve and use the trowel to fill the sleeve down into the glue. Smooth excess glue over the sleeve. Wait until the glue is dust-free (approx. 20 minutes) before fitting the clamp ring. If the drain is submerged by approx. 2-3 cm, make use of our preformed drain sleeve. Alternatively, an extension ring and universal sleeve can be used.



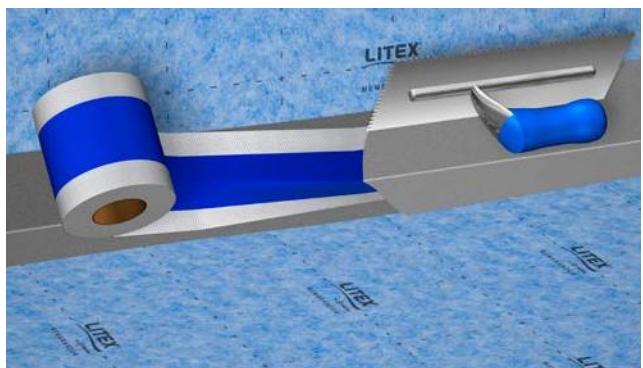
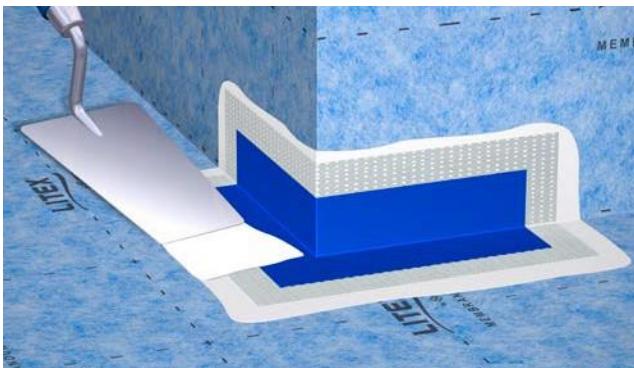
9. FITTING PIPE SLEEVES ON THE FLOOR

Apply Litex assembly glue around the pipe using a notched spatula and press down the surface so that the sleeve comes into contact with the glue. Spread the glue evenly over the area using a trowel. Spread any excess glue over the sleeve.



10. FITTING INTERNAL/EXTERNAL CORNERS AND SEALING TAPE

Fit internal and external corner sleeves using assembly glue. Follow the same procedure as that used for pipe sleeves. Apply two-component glue to the joint between floor and wall and in and around corners. Use a corner trowel or brush and work on one wall at a time. Lay the sealing tape over the joint between floor and wall, with an overlap over the corner sleeves. The overlap shall be approx. 2.5 cm. Smooth out using a corner trowel or brush. Finally, apply two-component glue either using a trowel or brush over the sealing tape so that it is fitted wet on wet. You have now finished laying the membrane sheet and can start tiling the next day.





Check-list LITEX® Membrane sheet

Date:

Title no./ Plot no.:

New building

Address:

Rehabilitation

Batch no. Sheet:

Tape:

2-Comp. glue:

Glue cartridge:

Expiry date:

Tape:

2-Comp. glue:

Glue cartridge:

Wall

Floor

Underlay wall:

Underlay floor:

Is there a fall of 1:100 to the drain?

Is there a local fall of 1:50 in the area around the drain?

Which drain/drain manufacturer has been used?

Describe its structure:

Has the drain been fitted according to the drain supplier's assembly instructions?

Yes No, describe:

Which drain sleeve has been used?

Litex drain sleeve universal Litex drain sleeve preformed Litex drain sleeve for Purus Line

Other, describe:

Has the drain sleeve been fitted in accordance with the assembly instructions?

Yes No, describe:

Have Litex corner sleeves and sealing tape been used and fitted according to the assembly instructions?

Yes No, describe:

Which glue has been used to attach the sleeves?

Has Litex membrane tape been used on the joints?

Yes No, describe:

Has Litex two-comp. glue been used when fitting the sheet and sealing tape?

Yes No, describe:

Has the Litex membrane sheet system been fitted according to the assembly instructions?

Yes No, describe:

Type of wall box:

Type of sleeve fitted on the wall box:

Is photographic documentation available? Memory stick Other Comments:

A copy of the list of materials is enclosed. The house has been registered on the boligmappa.no website

Executed and inspected by:

Company name:

Telephone no.:

Email address: