

# ASSEMBLY INSTRUCTIONS

## ARBOR SPONPLATER MALINGSKLAR OG FERDIGMALT SLETT VEGG

(Chipboard ready to be painted and pre-painted wall)

12 mm with click joint



Applies to **C** **€**- marked **STANDARD** quality

Fig. 1

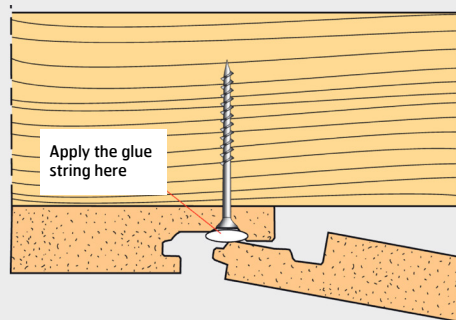
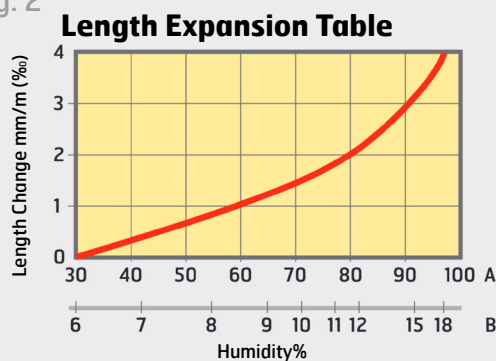


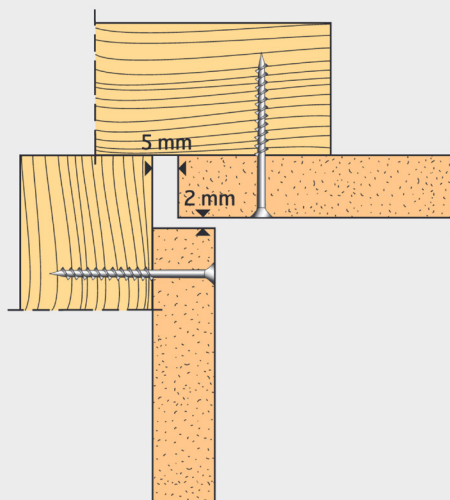
Fig. 2



**Example:**

When humidity changes from 30% to 40% then the expansion will be about 0.3 – (0.3 mm per 1 m), but if humidity changes from 90% to 100% the expansion will be approx. 1- i.e.. 1.0 mm per 1 m.

Fig. 3



### AREAS OF USE

Arbor MALINGSKLAR KLIKK (ready to be painted click) is used in rooms where painting is to be done and you want a plain wall. FERDIGMALT SLETTVEGG (pre-painted plain wall) is used as a totally finished wall. The board has a special click joint (tongue/groove system), which makes the installation easy, and provides minimal opportunities for movement. (see figure 1). The board can be used in all rooms where there are no requirements for moisture-resistant materials (climate class 1). Arbor MALINGSKLAR (ready to be painted) is a specialized board for painting but can also be used for spaces where you want wallpaper.

### IMPORTANT POINTS

- The Chipboards must be protected from moisture during transportation and storage. They must be stored at room temperature.
- Place 3-4 pieces of plank on the floor and the boards on top of these. Plastering, casting, masonry, and painting must be completed and dried before the boards are placed in the building for air conditioning.
- Before mounting the boards, let them be acclimatized inside the building for 3 days.
- It is important that the building moisture is dried out, and that the room climate is as close to normal indoor climate as possible in the rooms where the boards are to be mounted, i.e. a humidity of 30 – 65% RH (see figure 2), and a temperature of minimum 12-15 Celsius.
- The installation should take place with a minimum distance of 5 mm to corners from the floor and ceiling, doors, and windows, as well as other fixed building details to make room for any expansion. Expansion joint in hidden corners should be minimum 5 mm and for open corners, it should be minimum 2 mm (see figure 3).
- For wall surfaces that are longer than 8 meters, there must added extra expansion joint, 1 mm per m wall. This can be added, for example, by internal partition walls.
- Unevenness in the framework/existing walls must be straightened before the wall panels are installed. Use laser for control.
- Arbor products are subject to thorough quality control, however faults may be present on some products. The products must therefore be checked before installation in accordance with our assembly instructions. Our liability when defects occur is limited to the value of the part of the product that is defective.
- Go to [www.arbor.no](http://www.arbor.no) for complete assembly instructions and recommendations for glue and grout.

# ASSEMBLY INSTRUCTIONS

## ARBOR SPONPLATER MALINGSKLAR OG FERDIGMALT SLETT VEGG

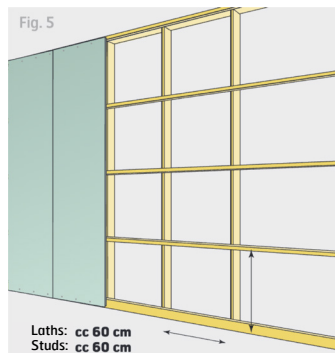
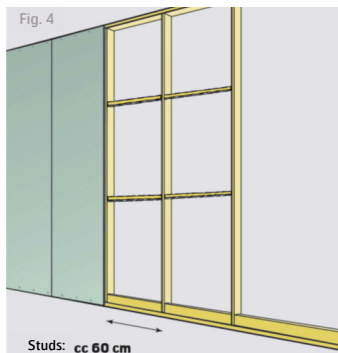
(Chipboard ready to be painted and pre-painted wall)

12 mm with click joint



### ASSEMBLY INSTRUCTIONS

1. The boards are mounted on straightened studs with a center distance cc 60 cm (see figure 4) or on horizontal laths without support from vertical plate joints (see figure 5). The wall studs must stand straight, and any unevenness must be corrected. Horizontal blocking with cc 80 cm should be installed when mounting on vertical studs. The boards can also be mounted on horizontal laths without supporting vertical plate joints. Max lath distance 60cm. Internal and external corners must then be vertically blocked with the same lath dimension as usual.
1. There must be installed extra horizontal blocking If heavy objects are to be hung on the wall.
2. When renovating, the boards can be mounted directly on the existing wall. If the surface is uneven, the existing wall should be leveled with horizontal laths to achieve the best possible result.
3. Start with the first board on the left, with the tongue towards the corner. This could also be cut off to obtain a neater corner. Use a level or laser.



4. Remember 5 mm distance for expansion joint. 2 mm at hidden corners against the other wall board in the corner (see figure 3)
5. The boards are glued with Bostik 750 Vinterlim or something equivalent. A thin continuous string of glue is applied to the groove, placed in the middle of the lower "lip". The glue should not overflow the joints. in the event of a spillage, excess glue should be wiped away immediately (see figure 1)
6. Place the board onto two wooden blocks with a 5 mm distance from the floor.
7. The boards are mounted with screws, staples or nails.
- 8. With screws:**  
The type of screw that is recommended is a partially threaded screw: 3.0 x 35 mm for wood with a countersunk head. Self-drilling screws for mounting on steel studs. Screw distance: top, bottom, and vertical studs approx. cc 20 cm. Horizontal laths, top and bottom approx. 15 cm and 1 for each lath.
- 9. With staples:**  
Stapler back min. 10 mm – length min. 30 mm. Stapler distance: top, bottom, and vertical studs approx. 15 cm. horizontal laths, top and bottom approx. 15 cm and 2 for each lath. Remember to adjust the pressure accordingly when using a stapler gun. The "tongue and groove" system is not designed for hard hits.
- 10. With nails:**  
The board are attached hidden in the groove and visible at the top and bottom beams with electro-galvanized ring shank fiber/chip nails 2.3/45. Nail distance cc 150 mm to top and bottom beams and to vertical studs.
11. Against the outer wall, the installation must take account for the moisture barrier.

### TECHNICAL DATA

<b>THICKNESS:</b>	12 mm
<b>FORMAT:</b>	620 x 2390/2740 mm
<b>VISIBLE MEASURE:</b>	600 x 2390/2740 mm
<b>COVERAGE:</b>	1,43 / 164 m <sup>2</sup>
<b>JOINTS:</b>	Click joint 2 edges
<b>WEIGHT:</b>	One board approx. 12/14 kg 1 m <sup>2</sup> approx. 8 kg Package of 52 boards about 660/756 kg

### FOR THE NEXT BOARD

Install the next board by tilting it, in front of the glue joint and into the board that is already attached. Then gently press the board against the substrate/stud. The boards will then lock together.

### VARIOUS CORNER SOLUTIONS

Arbor FLEXILIST are used for both interior and exterior corners. Arbor FUGEMASSE (sealant) can also be used.

Check the surface for damages. Damages can be seen through the paint and should be fixed beforehand. The boards should be sanded clean of small edges and glue with fine sandpaper. Painting is done straight on the boards.

### REFERENCES

SINTEF Building and Infrastructure. Norwegian Building Research Institute series No.

571.046 Chipboard, types, and properties

543.204 Building panels on walls and ceilings



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