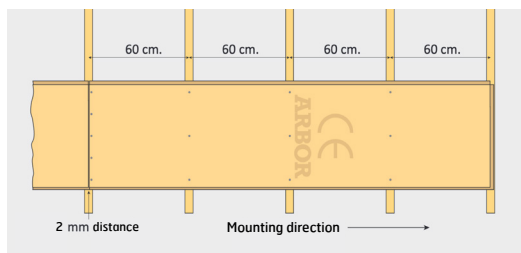
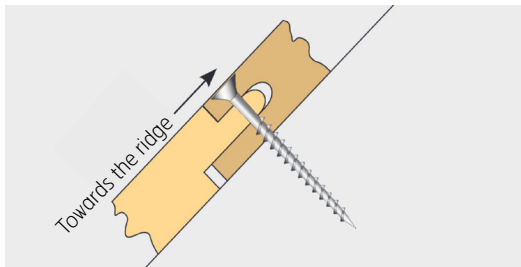
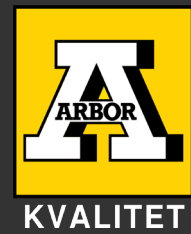


ASSEMBLY INSTRUCTIONS

16/19 MM ARBOR TAKTRO FUKTBESTANDIG

(Rooftop moisture resistant)



AREAS OF USE

Arbor Taktro is approved for use as a load-bearing roof on trusses, rafters, and joists with a center distance of 60 cm, as a ceiling for thatching with roof covering, shingles, or something similar.

IMPORTANT POINTS

- The boards must be protected from moisture during transportation and storage. They should not lie directly on the ground. Place 3-4 pieces of wooden blocks on the substrate and a moisture barrier between the boards and the ground.
- During a normal construction period of 8-10 weeks, there should be no problem having Arbor Taktro boards uncovered.
- The right side of the board is marked with a CE stamp and should face up.
- All trusses must be leveled and have a center distance of 60 cm.
- 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.

ASSEMBLY INSTRUCTIONS

1. The boards are mounted across the roof trusses/rafters, which must have a center distance of 60 cm.
2. All free board edges must be supported.
3. A plan of the roof should be drawn up before installation in order to make good use of the boards.
4. The boards should be placed in a bandage pattern with the stamped side facing up, and they should go over at least two fields.
5. All end joints should be located on the center line of the trusses.
6. Assembly begins from the eave and up, with the tongue side facing the ridge. The first row of boards should be mounted by lanyard/laser, perpendicular to the roof trusses, and a board thickness measure up from the lower edge. Use hot-dip galvanized staples 2,2/55 for 16mm to fasten the boards to the trusses. For 19 mm and 22 mm use TT 55.
7. They should be stapled with at least 5 pcs at the board ends and 3 pcs for each truss/rafters inside the board.
8. Installation should be done with a distance of 1 – 3 mm between the boards to allow swelling. This is especially important for larger, flat roofs.
9. For roof surfaces up to 15 l.m., no additional expansion joint is normally required. Larger surfaces are divided by an expansion joint.
10. Thatching with a coating or shingle should take place as soon as possible after installing the boards.

RECOMMENDED MINIMUM PLATE THICKNESS

Span width 600 mm

Snow load on ground 1) kN/m ²	Thickness 2)
$S_k \leq 6,0$	16 mm
$6,0 \leq S_k \leq 7,0$	19 mm
$7,0 \leq S_k \leq 9,0$	22 mm 3)

1) Characteristic snow load on ground, S_k , as specified in NS-EN 1991-1-3:2003+NA:2008, based on the basic value for the municipality with any additional height above the municipal centre.

2) Where the roof drop is less than 1:20 (2.9 degrees) and the snow load is > 3.0 kN/m² at the same time, the thickness of the board shall be increased by 3 mm beyond the values in the table.

3) 22mm STANDARD FUKTBEST GULV boards

It is assumed that the roofing's own load is a maximum of 120 N/m² (10 N = 1 kg)

TECHNICAL DATA

THICKNESS: 12, 19, 22 mm

FORMAT: 620 x 2420 mm

VISABLE

MEASURE: 600 x 2400 mm

COVERAGE: 1,44 m²

JOINTS: Tongue/Groove

WEIGHT: One board 16 mm approx.
16,5 kg
One board 19 mm approx.
19,5 kg
Package of 41 boards/16 mm

REFERENCES

SINTEF Building and Infrastructure.

Norwegian Building Research Institute series No.

571.046 Chipboards. Types and characteristics

525.861 Load-bearing wooden rafters

525.814 Wooden rafters

525.819 Wooden I-beams in ceilings



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