

## Tools that will be useful or necessary

- » screwdriver
- » hammer
- » drill
- » saw
- » ladder
- » crews

## Tools



## Roof Board Installation Process

**Materials:** Roof boards sized 105 x 19 mm

### Key Steps:

1. **Setup:** Install a straight log or plank in the middle of the roof as a reference guide for measurements
2. **Measurement Rules:**
  - » When  $B1=B2$  (roof sides are equal), it's easier to check A1 and A2 measurements
  - » Use the center plank to verify all spacing between roof beams (X, Y, C)
  - » Adjust any misaligned beams by bending and temporarily screwing to the center log
3. **Installation Strategy:**
  - » Start from the front and work backward
  - » Install boards side by side, checking for gaps or misalignment
  - » Keep bottom and top edges in straight lines (use string lines as guides)
  - » Follow the rule: **A1=A2** until reaching the middle
4. **After Middle Point:**
  - » Remove the temporary center plank
  - » Switch to following the rule: **B1=B2**
  - » Complete one side to the edge (may need to cut the final board to fit)
  - » Repeat the same process for the other side

