

Prior to attaching Nydree Engineered Flooring to a wall or ceiling be sure to check local fire codes as the flooring has not been fire tested to ASTM E-84 for walls and ceilings.

In order to attach Nydree Engineered Flooring to a wall / ceiling a sturdy plywood substrate base and an air-powered stapler is needed.

Install plywood to the wall studs using the appropriate screw. Insure that all screw heads are set flush or slightly below plywood surface.

The plywood installed on the wall / ceiling should be flat to within 3/16" in 10 feet (5mm per 3m).

Verify that the plywood is dry. The reading using a Delmhorst® J3/J4 or wood moisture meter should be less than 12%.

Particleboard/flakeboard/chipboard/OSB are not approved substrates. Use thick 5/8" (16mm) or 3/4" (19mm) APA-CDX grade (or better) underlayment plywood or equivalent. Allow 1/8" – 1/4" (3,2mm-6,4mm) expansion space between sheets with staggered joints.

Permanent HVAC must be in operation (2 weeks minimum) and permanent lighting must be provided. Job site temperature should be 60 °F – 90 °F (15° – 32°C). The ideal relative humidity for wall / ceiling installation is between 30 and 55%, prior, during and after installation is completed. Keep in mind that if the relative humidity drops below 30% for extended periods, the flooring (wall/ceiling covering) could shrink causing surface splits and gaps.

### Stapling Procedure

1. Groove oriented to the starting corner or floor, face nail the first row with galvanized finishing nails or pneumatic brad nailer such as Stanley®'s BT-35. Face nail 1/2" (12mm) from groove edge, 1-2" (3-5 cm) from each end and at 6" (15 cm) intervals. (Countersink heads and fill holes with matching putty stick or cover with base molding). Make sure starting row is level or plumb.
2. Predrill and blind nail at a 45° angle directly above the tongue of the plank in the first and 2<sup>nd</sup> row. Nail 1-2" (3-5cm) from each end and at 6" (15 cm) intervals.

OR

Face nail the first and second row 1/2" (12mm) from tongue edge, 1-2" (3-5 cm) from each end and at 6" (15cm) intervals, if not considered objectionable.

3. For the balance, use Stanley – Bostich Stapler (S3297-LHF or LHF97125-2) with SB97-1GLS 1" (25mm) staple.
4. Set air supply to stapler at 80 psi. (If plank is damaged, lower pressure to 70 psi)
5. Install each plank with staples 1" – 2" (3-5cm) from each end and every 3 to 4 inches (8-10 cm) along the length. End joints should be staggered at least 6" (15cm).
6. The last two rows will also need to be face nailed.

Please note - Any use of Nydree Flooring other than actual flooring installation will not be covered under the manufacturer's warranties.