



INSTALLATION INSTRUCTIONS For Floating Vinyl Plank, Laminate, And Engineered Wood Floors

FloorLyft Underlayment is designed for use with floating vinyl plank, laminate, and engineered wood flooring products. This sound reduction underlay system is easy to install and is suitable for use over most types of industry approved sub floors (3/4" plywood, concrete, OSB flooring, etc.).

General Information:

Moisture:

- All sub floor assemblies must be tested for moisture before installing your flooring products using a calcium chloride test ASTM F1869.

Wood Sub Floors:

- Using a species-specific moisture meter, determine if conditions are dry before installing. Wood sub floor moisture readings must not exceed 12%. If moisture readings are too high, postpone the installation and resolve the issue.

Concrete Sub Floors:

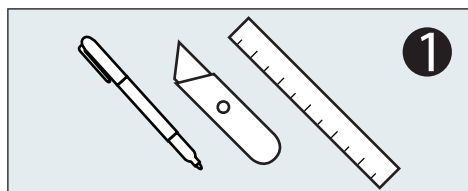
- Concrete must be at least 60 days old. Emission rate of concrete is not to exceed 5lbs/1000sf/24hrs per calcium chloride test. If emission rate exceeds that amount, a vapor barrier needs to be laid down before FloorLyft installation. Vapor Barriers include, but are not limited to, 6mil Polyethylene film, vapor retarding adhesive, or QW Prime Seal.

Floor Preparation:

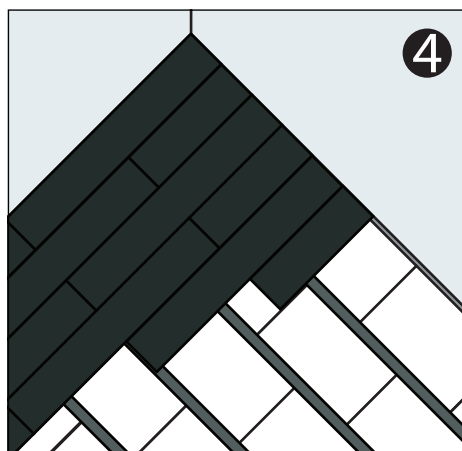
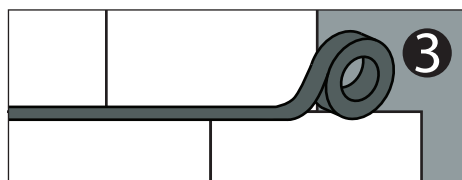
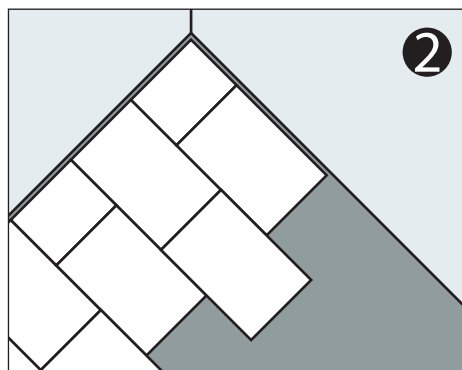
- All wood and concrete subfloors must be flat within 1/8" over a 6' span, or 3/16" over a 10' span. All seams of FloorLyft must meet this requirement as well. Be sure the subfloor is clean, smooth, and free of dust and debris. All areas must be checked prior to installation.

Tools Needed (pic #1):

- Utility blade (keep blades fresh/new)
- Straight edge
- Marker



Installation:



Floating Installation:

- FloorLyft can only be floated when paired with a 4mm or thicker floating floor covering.
- Begin laying panels of FloorLyft perpendicular to flooring direction, butting them tightly (**see pic #2**).
- Panels need to be staggered at approximately 50%, eliminating a grid style layout (**see pic #2**).
- 1/4" Expansion gap is to be left at all perimeter walls (**see pic #2**).
- All continuous/linear seams must be taped using a good quality duct tape, minimum 2 inches wide (**see pic #3**).

- Install flooring perpendicular to FloorLyft according to flooring manufacturer's specifications (**see pic #4**).

Mechanically Fastened Down Installation:

- Begin laying panels of FloorLyft perpendicular to flooring direction, butting them tightly (**see pic #2**).
- Fasteners need to be placed a minimum of every 6 inches with perimeter fasteners no more than 2 inches from the edge of each panel.
- Panels need to be staggered at approximately 50%, eliminating a grid style layout (**see pic #2**).
- 1/4" Expansion gap is to be left at all perimeter walls (**see pic #2**).
- All seams need to be properly prepared in accordance with the flooring manufacturer's recommendations when installing any flooring 3mm or thinner.
- Taping of seams can be done but is not necessary in staple down applications (**see pic #3**).
- Fasteners must be long enough to penetrate through the FloorLyft panels and the existing subfloor entirely.
- Install flooring perpendicular to FloorLyft according to manufacturer's specifications (**see pic #4**).

Glue Down Installation:

(Required for planks less than 4mm thick)

- FloorLyft is to be glued down when paired with any glue down floor covering or a floating floor covering <4mm thick.
- Begin by troweling a good quality pressure sensitive adhesive using the recommended trowel size from the adhesive manufacturer.
- Lay panels of FloorLyft perpendicular to flooring direction, butting them tightly (**see pic #2**).
- FloorLyft panels are to be installed while adhesive is still wet.
- FloorLyft panels need to be rolled with a 75lb-100lb roller to ensure a full bond is made.
- Panels need to be staggered at approximately 50% eliminating a grid style layout (**see pic #2**).
- 1/4" Expansion gap is to be left at all perimeter walls (**see pic #2**).
- All seams need to be properly prepared in accordance with the flooring manufacturer's recommendations when installing any flooring 3mm or thinner.
- Taping of seams can be done but is not necessary in glue down applications (**see pic #3**).
- Install flooring perpendicular to FloorLyft according to manufacturer's specifications (**see pic #4**).