

# Premium Underlayment Specifications



## Product Information

Specifically designed as flooring underlayment, our Premium Underlayment is produced in Indonesia and features sustainably forested Natural Birch face and back with a combi core of Falcata and mixed light hardwood (MLH). Each sheet is calibrated and sanded on both sides, providing a smooth, flat surface for ideal installation.



## Applications

This underlayment can be used under resilient flooring materials, such as vinyl and linoleum sheets and tiles, as well as under hardwood, laminate, and carpet. Backed by a one-year limited warranty, our plywood underlayment features a smooth surface, without voids from knots or other surface imperfections common with subflooring, ensuring the best possible results for a variety of approved flooring installations.



Origin	Species	Finish	Size	Core
Indonesia	Natural Birch	Raw, Front & Back	4'x8'	Combi Core of Falcata and MHL

Veneer Thickness	Thickness Tolerance	Surface Sanding	Glue Type	Moisture Content
0.3mm	4.8mm-5.6mm	240-320 grit finish; Calibrated; Sanded 2 sides	Interior, Exterior, TSCA Title VI / EPA (Carb)	<12%

Thickness	# of Plies	Sheets per Crate
5.2mm	5	180

Based on availability, USply reserves the right to substitute product that may vary in species, core, country of origin, and/or other specifications.

[www.USply.net](http://www.USply.net)

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## LIMITED **ONE-YEAR** PRODUCT WARRANTY

This Limited Product Warranty, provided by USply exclusively for their **USply Underlayment** product, hereby warrants that the **USply Underlayment** product:

- Will not Delimitate; Delimitate is defined as “**separation of the plies in the panel**”
- Will be free of Core Voids, Overlaps or Warping that affects the usability of the finished flooring surface
- Will not be the sole cause of discoloration to the overlaid flooring

### **REQUIREMENTS FOR COVERAGE:**

In order for this Limited Product Warranty to be enforced, **USply Underlayment** product must be installed in accordance with the USply installation procedures.

Coverage is not provided based upon the following:

- Commercial applications
- Misuse, improper application or installation
- Neglect, accident, fire, floods, or natural disaster
- Mold, mildew, fungi, moss, bacteria, rot on the product
- Notification to USply after 30 days

### **REMEDY:**

In the event that **USply Underlayment** product was installed in accordance with the USply installation procedures, the remedy for breach of this Limited Product Warranty is at the sole discretion of USply and **will** consist of:

- Replacement of the panel or a full refund of the purchase price of the panel

***IN THE EVENT OF A CLAIM ON THIS LIMITED PRODUCT WARRANTY, PLEASE CALL  
1-305-722-6622 OR VISIT [WWW.USPLY.NET](http://WWW.USPLY.NET)***





## Prior to Installing USply Underlayment

- Allow USply underlayment to acclimate at the jobsite environment for 24-48 hours. Store the panels on their 8' edge.
- Make sure the floor in which the USply underlayment will be installed is ready for use. This includes:
  - *Inspecting existing joists and subfloors to make sure they are structurally sound, spring free, and completely dry*
  - *Cleaning the subfloor of all foreign matter; just sweeping is not enough, one must scrape and vacuum all construction dust and debris*
  - *Examining the entire room and removing or setting any nails that protrude from the site*
- Inspect each USply underlayment sheet for any flaws prior to installing

## Positioning USply Underlayment

- Lay the panels out flat to cover the subflooring. The wood grain of the panels should be perpendicular to the floor joists.
- Panel should be placed at least 1/8" to 1/4" from the walls to allow for expansion.
- Offset and stagger underlayment panels to make sure all four corners do not directly meet.
- Lightly butt the panels to each other. Do not leave a gap or force the panels together.
- Do not lay out and fasten the whole floor! Fit panels into place first before fastening.

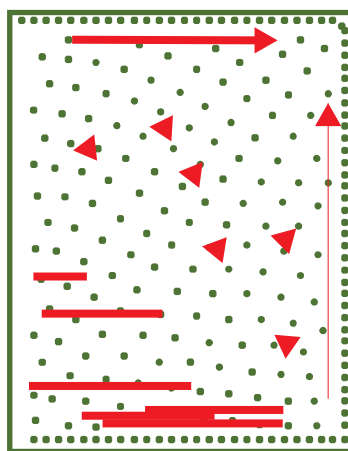
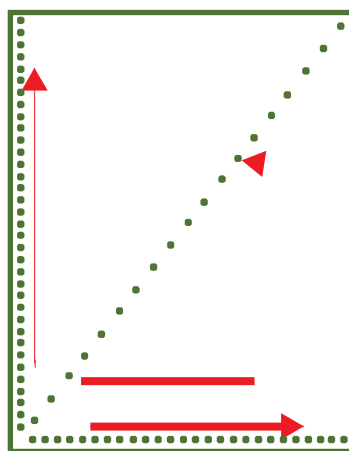
## Fastening USply Underlayment

- Do not use any adhesive in between the subfloor and the USply Underlayment.
- Use one of the following to fasten the underlayment:
  - *Chisel point staples with a 1/4" crown*
  - *Ring shank underlayment nails with a 3/16" diameter head*
  - *All fasteners must be galvanized or coated*



### Fastening USply Underlayment (continued)

- Fasten the underlayment with either staples or nails. Start on one corner of the panel and fasten the 8' edge first, spacing 2" along the entire edge. Make sure the fastener is around 1/2" from panel edge. Go back to the starting corner and repeat the process along the 4' edge.
- Stand on top of the panel and apply your body weight while fastening to ensure full contact with the subfloor.
- Next, with chalk, draw a diagonal line from the starting corner. Go back to the starting corner and fasten the "field" of the panel every 4" on center working in a diagonal direction across the panel.
- Finish off the fastening process by fastening the remaining 4' edge and then the 8' edge.
- Maintain the fasteners spaced 2" from each other and around 1/2" from panel edge.
- Do not fasten field in straight row as this can cause telegraphing.
- Follow the same procedure for the next offset USply underlayment sheet.





### **Finishing USply Underlayment Installation**

- Sand the joints using a power belt until level. If the void or gap between panels exceeds 1/16", then these irregularities should be filled with a patching compound specifically intended for this purpose. Follow patching manufacturer's instructions.
- If you had to use a patching compound, wait for it to dry, and then sand joints again using a power belt until joint is smooth and level.
- Before installing the floor covering, inspect the installed USply underlayment and make sure there are no core laps or voids. If there are any panels with these defects, they should be removed and replaced immediately.