SUPERIOR FLOORING
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RE: Recommended Fasteners and fastening schedule for our products
The purpose of this bulletin is to provide standards regarding which fasteners should be used to install SuperiorFlooring by Herwynen Sawmill Ltd. products and to provide some general guidelines.

Recommended Fasteners and Nailers

Product	Fastener	Distance between fasteners	Distance from the ends	Minimum Length
Superior Hardwood Flooring ¾” – 2 ¼”	16 ga L type cleat (Primatech P250AL)	6” to 8”	1” to 3”	1 ¾”
Superior Hardwood Flooring ¾” – 3” or wider	16 ga L type cleat (Primatech P250AL)	6” to 8”	1” to 3”	1 ¾”
Enhanced Hardwood Flooring ¾”	18 ga L type cleat (Primatech Q550) or 15.5 ga ½” staple (Primatech P250AS)	6” to 8”	1” to 3”	1 ¾”
Superior Engineered Flooring ¾”	16 ga L type cleat (Primatech P250AL) or 15.5 ga ½” staple (Primatech P250AS)	6” to 8”	1” to 3”	1 ¾”

Fasteners

It is very important that the fastener you use must be long enough to pass completely through the subfloor.
On ¾” solid hardwood we do not recommend using staples because staples can cause wood displacement (dimpling)on these products.

On engineered floors, it is especially important to use cleats and/or staples where the depth of the fastener can becontrolled. If the boards are pulled up, the point of failure on cleats should be their connection to the subfloor. Having the cleat driven too far into the core will cause the point of failure to be the cleat being pulled through thecore of the flooring which represents a weak connection. If the staples are driven too far, it will cause wood displacement (dimpling). Use a flooring nailer specifically designed and adjusted for wood flooring. The flooring nailer should drive the fastener through the top of the tongue, into the nailing groove/pocket, along the length of the board, with the crown/head of the fastener seated flush, in a way that it is not over-driven or under-driven. Having over-driven or under-driven fasteners can cause issues during and after installation

When using a nail-down installation method on our Engineered and Enhanced flooring products 5” and wider, we recommend using a nail and glue assist. There are a variety of installation techniques for glue assist but most common is an “S” bead method. We recommend using a poly urethane construction adhesive (e.g., Sika Bond) on the back of each board. Sika Bond is our recommendation; whichever adhesive is used should have elastomeric qualities that will allow the for normal movement within the flooring system.

Glue assist is only a Herwynen Sawmill Ltd. recommendation. Not using a glue assist method will not void the warranty of the flooring but may affect the performance of the product. Please note that the purpose of the glue assist is to reduce movement or assist in reducing movement which may cause crackling or popping noises. Herwynen Sawmill Ltd. will not be held responsible for these potential audible noises if glue assist is not used. Where mechanical fasteners on a nail-down installation are the primary installation method, the nailing schedule should remain the same as normal installation for the flooring being installed. The addition of adhesive is not intended as a replacement fastener mechanism, rather supplemental to the mechanical fastener.

Use of Tools

Inspect and maintain your installation tools regularly to avoid damage to your installed flooring.

- Tools may need to be adjusted for proper positioning so that they do not damage the sides of boards.
- Air pressure and/or striking force may need to be adjusted to properly secure the flooring.

Superior Flooring (Herwynen Sawmill Ltd.) will not accept any responsibility for damage caused to the flooring by use of improper or defective flooring tools.

Bo Herwynen
Superior Hardwood Flooring by HSL