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Technical Newsletter #36 2.0

Subject: Glue Assist with nailed/stapled down method

The Glue Assist is an installation technique that is used to add better support to the subfloor with using an adhesive when nailing/stapling method is used on wooden subfloors. This installation practice is more and more used now.

MIRAGE produces stable wood flooring products that do not necessarily always require a glue assist unless it is specified. However, we would like to give some guidance if your preference is to opt for this installation method. Our recommendations are based on real testing on hard conditions to make sure the final product integrity and look are not affected.

Platform	Width	Recommendation	Allowed Pattern
TruBalance/ Northern Solid Sawn 3/4" (19 mm)	≤ 6-½" (165 mm)	Free to use	All
	7-3/4" (197 mm)	Recommended	
	9" (226 mm)	Mandatory	
TruBalance Lite/ Northern Solid Sawn Lite 9/16" (14 mm)	5 and 7" (127 and 177 mm)	Free to use	3 or 4
	≥ 8-3/4" (222 mm)	Mandatory	
Solid 3/4" (19 mm)	All	Free to use Preferred for 4-¼" width	All
Engineered 1/2" (13 mm)	< 6-½" (165 mm)	Free to use	3 or 4
	≥ 7" (177 mm)	Recommended	3 or 4 (at least one bead at the tongue edge)

Notes:

1. Use adhesive meeting Technical Newsletter #23 criteria's typically in a sausage/cartridge format.
2. To avoid air pockets between the board and subfloor, make sure to apply sufficient weight on the floorboard and firm force on the handle before pulling the trigger- activated staple gun. (Contact with the subfloor is important. Glue beads should not lead to voids with the subfloor since this can cause noise.)
3. Make sure to use the same requirements for fasteners in Technical Newsletter #30. Glue assist should not be used to extend or modify those criteria.
4. Glue bead should be applied within 1" from the edges of the board, applied on the back of the board or on the subfloor.
5. Glue bead size should be around 3/16 to 1/4".

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Glue Assist Allowed Patterns:

1 Serpentine (Sine-Wave):
Spacing the peaks of the S-curves to around 6 to 8"



2 Parallel Stripes:
Beads need to be perpendicular to plank lengthwise, spaced from 6 to 10" apart.



3 Ends and Grooves:
The bead of adhesive is applied along the groove edge and both ends (optional).



4 Lengthwise Parallel Stripes:
Bead needs to be at 1" from edges.
3 options available:
· 1 bead at tongue side.
· Or 2 on both edges.
· Or 3 with one in the middle.



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