



WOODLOC® STAPLE DOWN INSTALLATION INSTRUCTIONS

Applicable to:

Kährs Spirit	10mm	3/8"
Kährs Avanti	12 & 13mm	1/2"
Kährs Original	15mm	5/8"
Kährs Supreme	15mm	5/8"

PROTECT YOUR INVESTMENT!

Maintain your warranty:
Only use Kährs branded
underlayments,
moldings, cleaning
supplies, and
accessories.



Important Installation Notes

Staple-Down Installation for Woodloc® Products

NOTES:

- Kährs flooring is covered by a Limited Lifetime Warranty. However, warranty coverage may be lost due to failure to strictly follow all installation instructions and recommendations or the use of improper materials or tools. **READ ALL INSTRUCTIONS CAREFULLY.**
- Always begin a Kährs Woodloc® installation with the tongues facing the wall!
- Proper expansion must be left at all walls.
- As last row generally will not fit perfectly, Kährs recommends dry-fitting first two rows and scribe if necessary.

IMPORTANT!

- **Do not open packages until ready to begin installation!** Inspect boards before installation. Kährs flooring is sealed at the factory with a 7% moisture content. Opening cartons to acclimate the flooring (as with some solid strip flooring) could result in a difficult installation.
- As an installer, it is your responsibility to be aware of the grade, Relative Humidity of the room, and moisture content of the subfloor. You should check that each plank is free of damage or manufacturing defects. Any unusable boards should be set aside for later replacement.
- Flooring should be installed perpendicular to joists to prevent subfloor sagging. Subfloor must be reinforced to nail down Kährs parallel to joists.

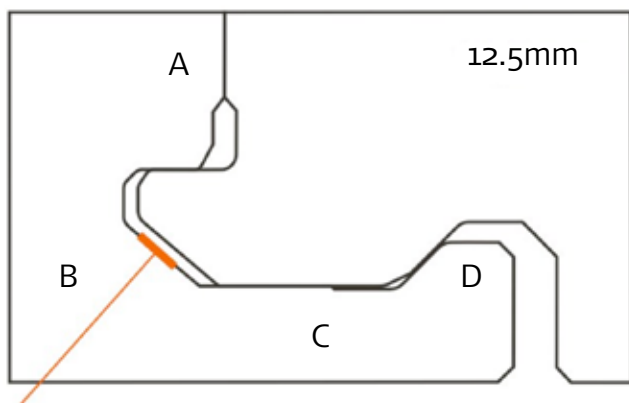
PRIOR TO INSTALLATION

- See Jobsite/Subfloor Preparation document on webpage and follow all requirements before installation.
- Door casings should be notched or undercut to avoid difficult scribe cuts.
- Sweep or vacuum subfloor thoroughly.
- Once subfloor has been prepared, Kährs recommends covering subfloor with 15 lb. or higher asphalt felt or rosin paper to retard moisture and help alleviate any remaining variations.

Staple-Down Installation for Woodloc® Products

1. Background

A principle description of nailing down wooden floors. A modified fitting of a nail gun special designed to be compatible with a 12,5mm (in this case) board with mechanical locking system. The nail is placed inside the groove on surface B (see fig. 1).



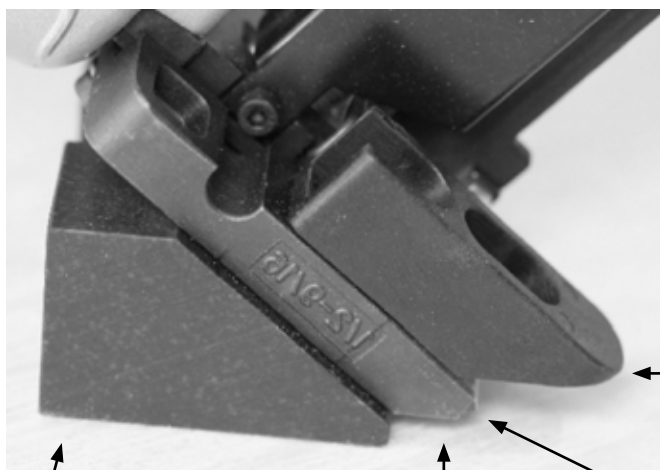
- A. Finish cut surface
- B. Inner groove
- C. Locking strip
- D. Locking element

Fig. 1 Placing of the nail in the locking system

2. Changes Made:

In order to place the nails at the correct position following changes have been done:

- The front block (E) is changed to a 40° angle and adjusted in thickness to place the nail at the right height position. The flat surface of the block is also enlarged to get a more stable position.
- In order to get close enough to the finish cut surface (F) and (G) has also been modified as well as the length of the security pin.
- The top block (H) has a 40° angle and the whole tool should be placed flat on the board over the groove before nailing.



Nail Gun / Stapler

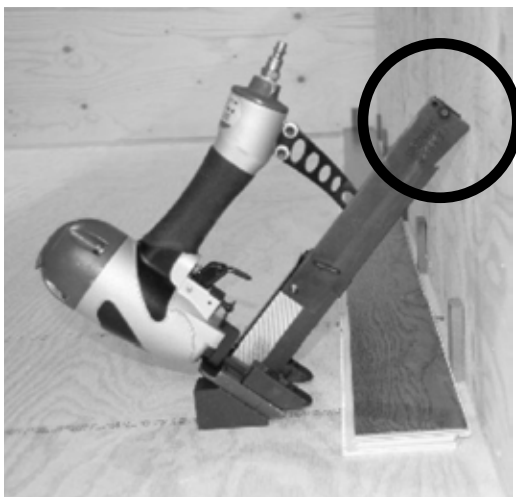
- Bostitch EHF - 1838K or similar 18ga, 1 1/2", 1/4" crown

Fig. 2 Changes made to the positioning block

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3. How To Use

A. First row is nailed manually.



Due to the design of the nail gun where the magazine prevents the machine to be placed correct the first row needs to be nailed manually.

Fig. 3 Magazine design prevents the 1st row from being mechanical nailed



Fig. 4 Nail manually inserted



Fig. 5 Carefully lowered



Fig. 6 Nail is completely lowered



Fig. 7 Done!

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4. From 2nd Row

A. Tool position

Place the nail gun over locking strip, the lower block should be placed flat on the subfloor and the top block should be in contact with the top surface in order to get the right positioning of the nail.

When positioning the nail gun it has to be lifted over the locking element in order not to damage the locking element. As soon as the security pin is placed on top of the locking element it can easily be slid into the groove and it finds its right position without problems.

B. Nail positioning

Kährs recommends that the nails are placed $3\frac{1}{2}$ - 4" from the short side edge in order to prevent the risk of making any vertical production tolerances on the short side more noticeable.

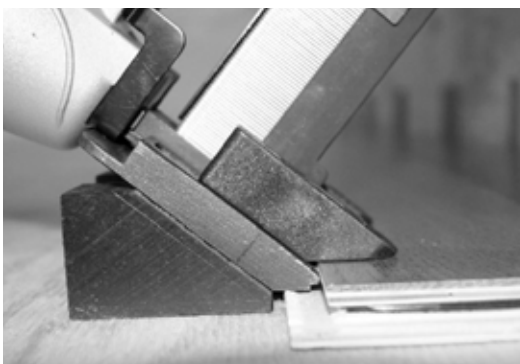


Fig. 8 Nail gun correct positioned



Fig. 9 Nail gun lifted over the locking element



Fig. 10 Placed before locking element
(The right top block is removed on this picture)



Fig. 11 Lifted up



Fig. 12 Placed on top of the locking element



Fig. 13 Pushed in to the groove = correct position

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5. Problems That Can Occur

- If the nail gun is not correctly positioned problems with nails that are not completely lowered can appear. (Fig 14)
- If the nails are inserted in an incorrect angle, problems with shattered fibers from the finish cut surface can appear.

In both cases the result will be that the next board cannot be installed correctly. Shattered fibers can be removed by scraping with a knife, and nails have to be lowered completely manually.

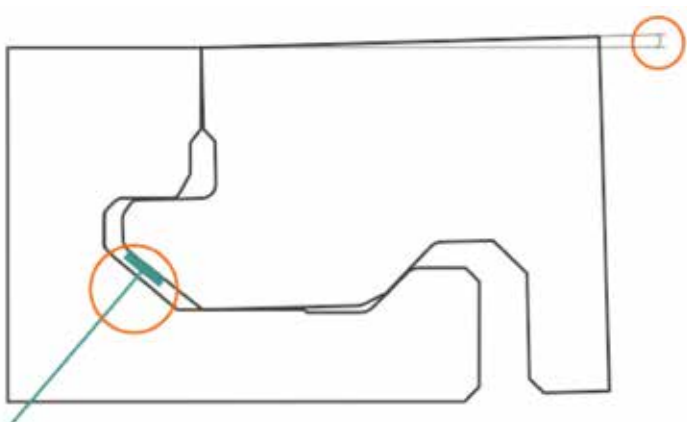
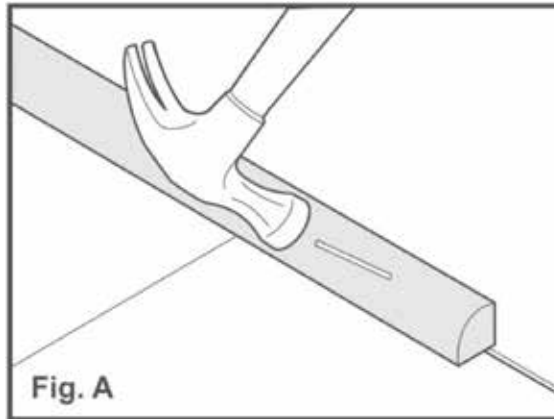


Fig. 14

Final Steps

After Installation:

- Remove expansion shims and use required Kährs moldings and/or trim pieces to cover expansion space (Fig. A). Always nail moldings to wall, **never** to flooring.



Clean Up:

- Immediately clean any debris such as wood chips, saw dust etc. that were left on wood flooring during installation.

Maintenance:

- Clean floor using dry dust mop or damp (lightly misted or well rung out) mop or cloth. Regularly use Kährs Wood Floor Cleaner for best results. Do not use oil soap or water-emulsion, self polishing waxes. **NEVER** wet mop floor. Place Peel & Stick Floor Protectors on furniture legs to prevent damage. See Kährs Floor Care Guide & Lifetime Guarantee for details (available at www.kahrs.com).

Note: For prefinished oiled floors please refer to Natural Oiled Floors Maintenance and Renovation Procedures at www.kahrs.com

Recoating you Kährs Floor

Kährs floors can be renewed without removing the factory finish. As a floor ages, normal wear and tear will cause a floor to lose its luster. This is natural - it happens to all wood floors. To renew the luster and extend the wear layer of the Kährs floor, recoat with water based urethane coating.

Recoating should be done when necessary. Don't wait until the finish has worn down. Call your professional flooring contractor for recommendations as soon as you see a wear pattern developing.

Whether coating a floor upon installation or at a later date when it begins to show wear:

1. Kährs recommends calling Arboritec @1-877-416-5972 or Bona Kemi USA @ 1-800-574-4674 for product information, directions, warranties and qualified professionals in your area.
2. Do not use water-based urethane over a floor that has been waxed or oiled. If unsure, wipe a small section of the floor with a white rag dampened with mineral spirits to test for wax or coat a test area to check adhesion prior to coating the entire floor. It is imperative, regardless of the age of the floor, to test for adhesion.
3. Contact a professional refinishing contractor to assure that the manufacturer's guidelines will be followed insuring a successful result. The representatives at the toll free numbers supplied above may be able to provide references in your area.

Call Kährs Technical Line (1-800-ASK-KAHR) for other compatible floor finishes.



Kährs[®]
QUALITY IN WOOD SINCE 1857

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