



Natural Coco/Coir Matting Installation Instructions

Important Information

Prior to the commencement of Installation, all materials **MUST** be inspected for Damage. Any damage must be reported to van Gelder, as soon as possible, so that replacement materials may be furnished without delay.

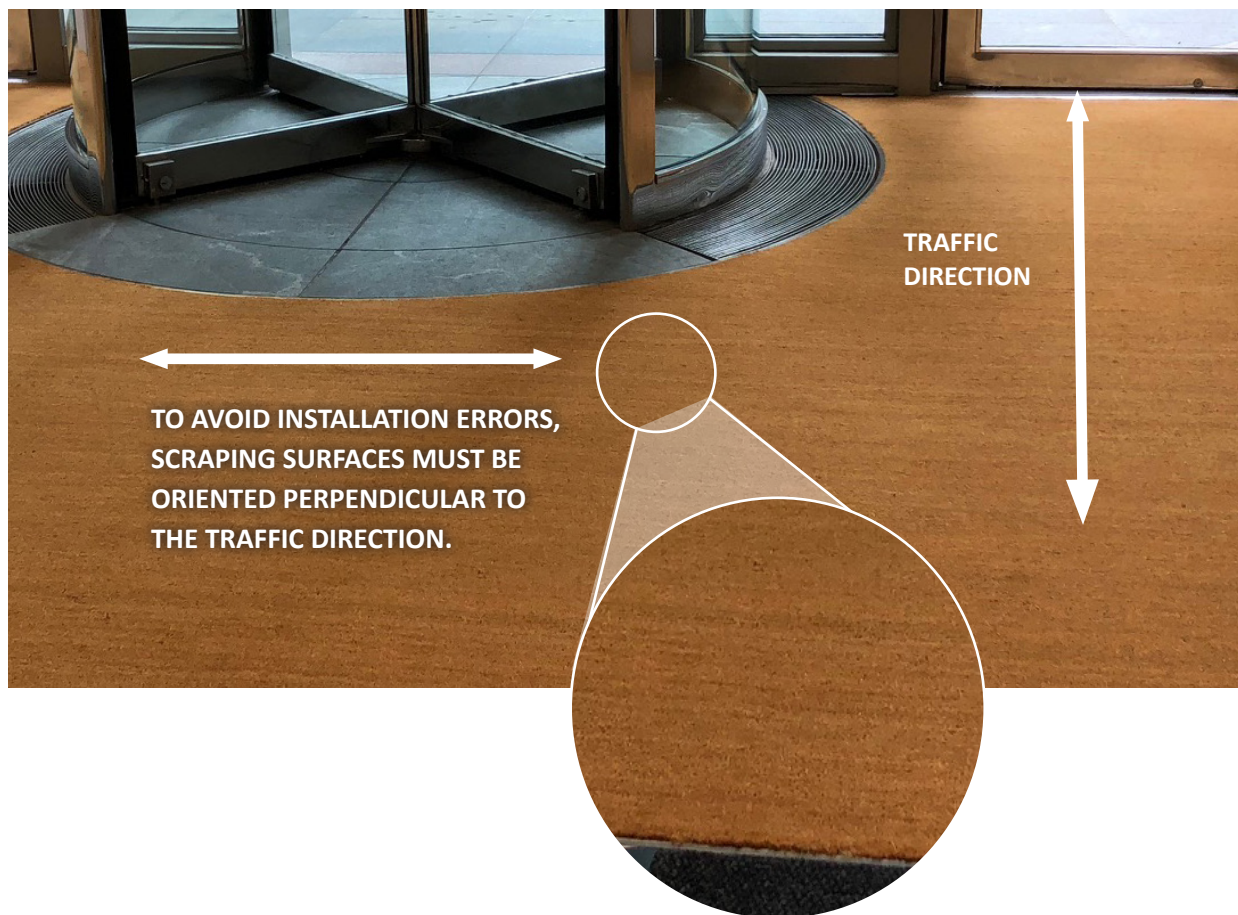
All work must be completed as per Architect's Approved "Shop Drawings", and in accordance with these Installation Instructions. When installation is complete, all materials must be protected from damage until after the Architect's or Installer's FINAL INSPECTION.

All materials should be arranged in the order that they are to be installed. All hardware required for each portion of the work should be placed with the appropriate materials.

Please review all Approved Shop Drawings and this Document to familiarize yourself with all the details and components of this assembly.

Important:

Read through all instructions prior to starting installation.





Natural Coco/Coir Matting Installation Instructions

1. Pre-Installation Preparation

- Acclimation: Store the matting in the installation area for 24–48 hours. Coir fibers need to adjust to the temperature and humidity of the space.
- Subfloor Inspection: Ensure the subfloor is:
- Dry (moisture content under 5%)
- Level (no deviations greater than 3mm over 10 feet)
- Clean and free of grease, dust, or old adhesive.

Tools & Materials Needed:

- Sharp utility knife with extra blades
- Straightedge or T-square
- Notched trowel
- Contact adhesive (water-resistant, high-tack type recommended)
- Seam roller
- Measuring tape & chalk line

2. Planning the Layout

- Always measure twice, cut once. Roll out the matting to check grain direction and fiber consistency.
- Plan cuts so that seams fall in low-traffic areas when possible.
- For entrance wells, cut matting oversized, then trim flush once fitted into the recess.
- If surface-mounting, consider installing metal or rubber edging strips to reduce trip hazards and protect mat edges.

3. Cutting & Fitting

- Cut the matting face up with a sharp knife. Replace blades frequently; coir is tough and dulls blades quickly.
- When cutting for recesses or angled areas, score lightly first, then deepen the cut in multiple passes for accuracy.
- Dry-fit all pieces before gluing. Ensure edges butt tightly without gaps.

4. Adhesive Application

- Use a high-strength, solvent-free contact adhesive or pressure-sensitive adhesive recommended for natural fiber matting.
- Spread adhesive with a notched trowel, following the adhesive manufacturer's coverage rates. Follow the adhesive manufacturers recommended trowel size such as : 1/8"x1/8"x1/32" "V" Notch Trowel.



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- Apply evenly to both the subfloor and the underside of the matting if using contact adhesive. Allow tack time before bonding.
- For heavy mats, weight or roll the surface after setting to ensure full contact.

5. Installation Steps

1. Position the matting over the adhesive carefully; once bonded, adjustments are difficult.
2. Smooth out from the center toward the edges to avoid trapped air.
3. Roll the matting with a seam roller to ensure full adhesion.
4. For recessed wells: drop in the mat, trim flush to the frame, and ensure edges are clean and straight.
5. For surface installations: secure perimeter edges with transition strips or edging to prevent fraying and lifting.

6. Post-Installation Care

- Keep traffic off the matting for at least 12–24 hours to allow adhesive cure.
- Vacuum thoroughly to remove any loose fibers from cutting.
- Advise the end user that regular vacuuming and occasional beating/cleaning will maintain performance.
- Avoid prolonged saturation; while coir is durable, it is a natural fiber and can degrade if consistently wet.

Pro Tip (Installer's Note):

Because coir is a natural product, expect some variation in fiber shade and density. Always install from the same roll where possible to maintain consistency. When butting seams, brush fibers together to blend.