

# Konecto

## **Konecto Tile Installation Manual**



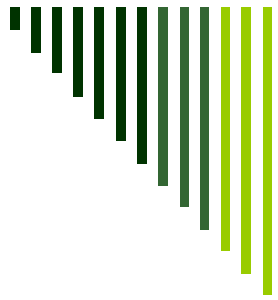
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# Konecto Tile

## Installations Instructions

Tools needed: Utility Knife & straight edge

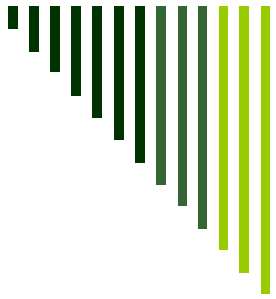
- ❑ Material Needed: Measure the length & width of your room. If the room has alcoves or offsets, measure these separately. This will give you the square footage of the room. Have a minimum of 10% extra to cover mistakes, trimming and for future needs and replacement.
- ❑ Example: Konecto Tiles come in 16"x16" 12 pieces per box =21.3 Sq. Ft. per box. So if your room is 10x10 or 100 sq. ft., we would recommend you have 6 cases. Most installations require about 10% overage.
- ❑ However this can vary depending upon the room size and layout.



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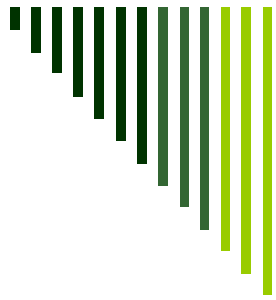
# Konecto Tile Acclimation

- Condition Konecto Prior To Installation
- Konecto must be stored at room temperature of at least 65°F for 24 to 48 hours before installation.
- Do not remove Tiles from the carton.
- For best results when possible cut the top of the carton and remove top.
- Leave the Tile in place with protective wax sheet in place in the box!!



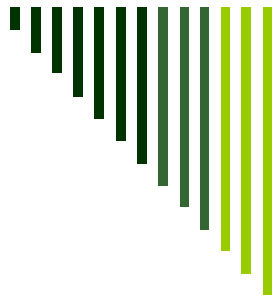
# Konecto Tile Installation

- ❑ KEEP THE Konecto STRIP CLEAN!!
- ❑ When installing Konecto be sure to keep dust, dirt or any foreign particles away from the Konecto Strip. The cleaner the Konecto strip remains, the better the bond between Tiles.
- ❑ A protective sheet of paper has been placed between each Tile insuring the Konecto Strip remains Clean and ready to use.
- ❑ When Installing Tiles you should work out of a minimum of 3 boxes and mix Tile when Installing!!
- ❑ When each Tile is joined, **utilize a hand roller** directly on the joined seam to create the proper bond between the strip A and B. This is a mandatory part of the installation procedure! After completion roll the entire floor in both directions with a 100 lbs roller.
- ❑ Before starting an installation two tiles should be joined and then rolled and pulled apart. A bond should be observed throughout the whole strip. Adhesive legs and/or transfer from one side to another should be seen. This will confirm the material is acclimated and the temperature of the material is correct for installation.



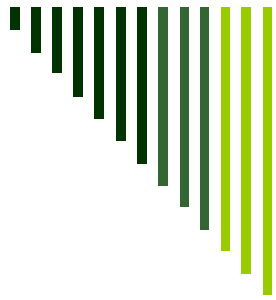
# Konecto Tile Floor Preparation

- Please Note: As we state in all our sales literature, Konecto is Water resistant and will withstand standing water from above and below the product. However this does not mean that Konecto is designed to be exposed to water, or be underwater, for extended periods of time.
- Moisture intrusion is a totally different situation that can arise with new or old concrete that exhibits very high levels of hydrostatic pressure in combination with very high levels of alkalinity. This combination provides a substance that is highly corrosive. No floor covering, including Konecto, can withstand the long-term corrosive nature of this chemical.
- If testing determines that levels of Hydrostatic pressure exceeds 8 pounds using the Calcium Chloride dome test and/or a P.H. test indicates alkalinity levels in excess of 9, steps must be taken to separate Konecto from the source of the corrosive effect of this chemical. Under these circumstances, there are products on the market that can be used to seal the concrete. This sealer must guarantee to keep the concrete slab under 8lbs of moisture pressure. After the concrete is addressed with a sealer a polyurethane sheet should be used on the concrete prior to installing Konecto as an added precaution. We recommend a polyurethane sheet if there is any suspicion of elevated moisture in the Concrete slab.



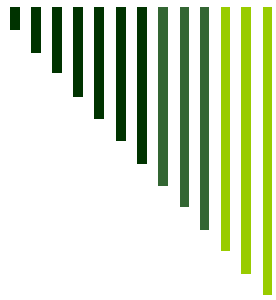
# Konecto Tile Subfloor Preparation

- In most cases virtually no surface preparation is needed
- Konecto can be installed over most existing floors including Wood, Vinyl, Linoleum, concrete and even ceramic tile
- While Konecto is suitable for situations where many other types of flooring should not be used, certain precautions should be observed for even this forgiving flooring product.



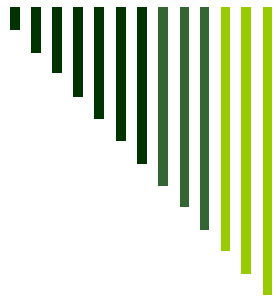
# Konecto Tile Approved Subfloors

- All subfloors must be sound, solid and have little flexibility!!
- Concrete: any large cracks or voids must be filled with a Portland base patching compound. Concrete should be level within 1/8" in 10 ft.
- Lightweight Concretes are approved.
- Wood subfloors must be sturdy, flat, and have little flexibility.
- OSB (Oriented Strand Board) is approved if sturdy, flat, and have little flexibility.
- All others subfloors i.e. particleboard, chipboard, wafer board, etc. Must be sturdy, flat, and have little flexibility or the installation will fail. Extra care must be taken in evaluating the subfloor.
- Quarry tile, terrazzo, and ceramic tile: Use caution with highly embossed tile. This type of tile plus grout joints should be filled with a high quality Portland base patching product.
- Konecto is water/moisture resistant and does not support mold or mildew. However, excessive moisture in the subfloor can cause mold, mildew and moisture related issues like the trapping of moisture emissions under Konecto. This will cause an adverse affect on existing glue down substrates causing it to release. Example: Parquet and Strip wood Flooring which can also swell and buckle.
- Radiant Heat: Subfloors should have been operated for at least 3 weeks prior to installation to drive out moisture and calibrate temperature settings. However, All radiant heat floors should be turned off 3 days prior to installation and remain off for at least 6 days after installation to allow the adhesive to fully cure. Maximum operating temperature should never exceed 85°F. Radiant heat components must be a minimum of 1/2" separated from Konecto. This is the only type of radiant heat that is approved.



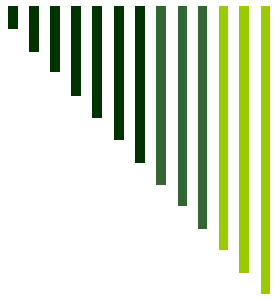
# Konecto Tile and Room Temperature

- Flooring and subfloor room temperature should be between 65°F and 85°F. The building's heat and air-conditioning system should be turned on at least one week before installation. Failure to follow these guidelines may result in an installation failure (i.e. flooring may expand or contract resulting in gapping.) **KONECTO IS AN INTERIOR PRODUCT ONLY**, and must be installed in a temperature controlled environment, maintained between 65 and 85 degrees F. Please keep in mind a concrete floor can be up to ten degrees colder than the actual room temperature.



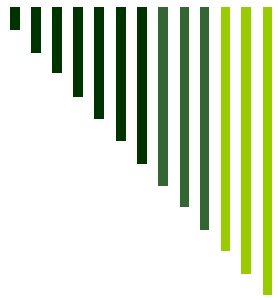
# Konecto Tile and Existing Resilient Floors

- Existing resilient Tile and sheet vinyl floors must be in good condition and thoroughly bonded to the structural floor... The exception is that any tile or sheet that is of a soft cushion construction must be removed. Note: A layer of resilient or soft underlayment like lauan may compromise the inherent strength of Konecto.
- Do not install over more than one layer of existing flooring, to prevent indentation or possible stress on the adhesive seams.
- If laying Konecto over existing ceramic tile, You must skim coat the grout lines with a floor leveler. If you install Konecto over an existing floor that has embossing or grout lines on it, We recommend you skim coat with a floor leveler.

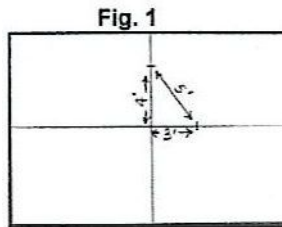


# Konecto Tile Sub Floor Prep

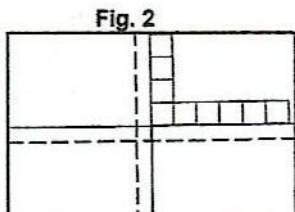
- Check for any dips in the subfloor that can create a void underneath the floor that will cause stress on the Konecto seams when walking on it. If so please fill in and level subfloor. Konecto is water resistant so it can be installed directly over concrete floors in the basement as long as Hydro Static Pressure and High PH is not present. (see floor preparation on page 5)
- If your concrete floor has any bumps or burrs of concrete sticking up, simply knock them off with a hammer and chisel and fill in the holes.
- If you have asbestos tiles and don't want to pay for an expensive asbestos abatement job, Konecto is the perfect answer.
- Any loose or damaged tiles should be patched prior to installing Konecto over the asbestos floor.
- Never sand asbestos floors from any floor manufacturer, if you think the floor has asbestos. We recommend the following actions in the room you are installing Konecto.
- Beware of any sheetrock taping and sanding, painting, wall prep, finishes, and other activities that produce LOTS OF DUST.
- **COVER Konecto WITH A DROP CLOTH...**

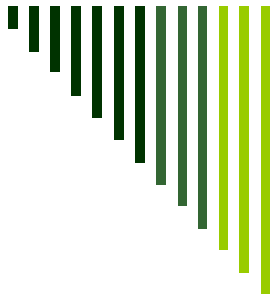


# Konecto Tile Installation Instructions



- Divide the room into equal quadrants using chalk lines. Dry lay a row of tiles using the unclosed wax paper to protect the Konecto strip, and then from the center line to side wall determine the remaining space for the border tiles and adjust the chalk lines to achieve a balanced layout with equal size borders.





# Konecto Tile Installation Instructions

- Once the border tiles are determined cut tile down to size. Start in the corner of the room with border tiles and lay down a row to end of wall with Konecto strip facing out from the wall. Then lay adjoining row creating a 90 degree angle. Make sure by using a plum line or a laser gun that both rows are completely straight and square. ( B = border tiles )( Field tiles are laid in a pyramid or stair step fashion ) **IMPORTANT: Roll Floor!! Use a hand roller on the seams as you install the floor then use a 100# roller over the floor when the installation is finished. Not rolling will void the warranty!** (refer to rolling instructions on pg.4)

- B B B B B
- B 1 3 6 1
- B 2 5 9 13
- B 4 8 12 15
- B 7 11 14 16

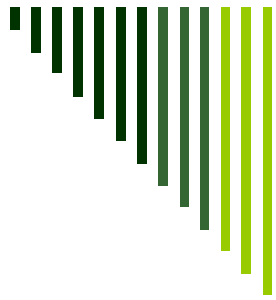




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## Konecto Tiles Alternative Methods Of Installation

- For both methods below divide the room into equal quadrants using chalk lines. Dry lay a row of tiles using the unclosed wax paper to protect the Konecto strip, and then from the center line to side wall determine the space left for the border tiles and adjust the chalk lines to achieve a balanced layout with equal size borders all around.( This can be figured out from the room dimensions with out putting down tile.) Once the border tiles are determined cut tile down to size.
- Start in the corner of the room with border tiles and lay down a row to end of wall with Konecto strip facing out from the wall. Then start the second row with a half tile and finish the row. Start the next row with a full tile and so on, alternating the first tile in a row with a full and then half. This is call an Offset or Brick pattern, by doing this you are eliminating the need to have all for corners align with can be and issue with large installations which naturally cause run off because of subfloor irregularities. This solves this issue and can be a very appealing look.
- If Konecto Transition strips are available lay them down on each chalk line and start from the middle of the room and work in 4 sections. Complete each section from the middle laying out the first row in each direction in a 90 degree formation and stair step the tile like described above. Note you can use double face tape to keep the strips in place. **IMPORTANT: Roll Floor!!** Konecto is forgiving if your seam appears not tight you can immediately pull apart and reapply it. Be careful not to pull apart too fast as you can rip or damage the Konecto strip. In some cases you will need to use Konecto Adhesive to repair. Instruction on page 15.



# Konecto Installation Instructions Rolling The Floor

- The method for rolling is using a hand roller with direct pressure to the seams,



- or a 100 lb- 3- section floor roller is recommended. Use a hand roller as you install and follow with a 100 lb -3-section floor roller . (refer to rolling instruction on pg 4.)



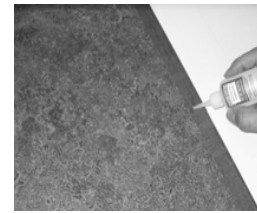
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# Konecto Repair Adhesive

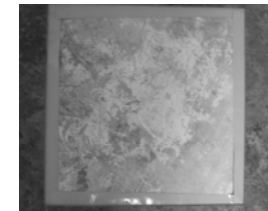
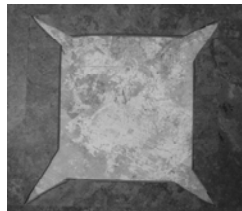
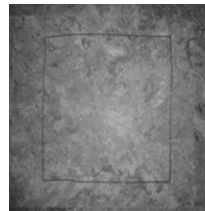
Konecto Repair adhesive is a specially formulated adhesive to be used in repairing and reinforcing the bond of the Konecto Tile adhesive strip. Special care should be taken to use the adhesive properly. Avoid skin and eye contact and use with proper ventilation. Please follow instructions on bottle for First Aid and Storage.

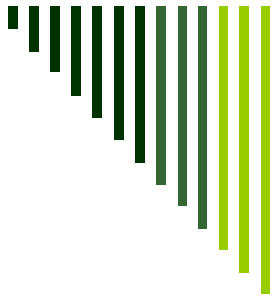
The adhesive should be applied in a steady bead in the middle of the Konecto strip from top to bottom of the strip. Be careful not to get any on the edge so it will not bleed on to the surface of the tile. If any adhesive gets on the Tile surface it needs to be immediately removed with a wet rag before it dries or it will not be able to be removed without damaging the tile.



## Konecto Tile Replacement Instructions

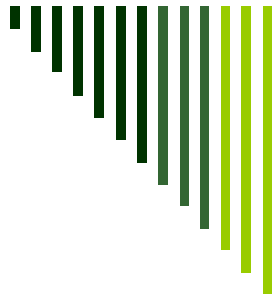
- Take a magic marker and draw a line 2" from the edge of the seams on all four sides. Take out the middle piece and notch out all four corners.
- Grab the 2" Konecto tile strip and bend down to make seam smile and take your knife and cut down along the four seams, pull the remaining pieces out, check edges for smoothness do not leave any rough edges.
- **MAKE SURE THE EDGES ARE STRAIGHT AND CLEAN**
- Take a new Konecto tile and cut off the Konecto adhesive strip on the two edges and put them under the other two sides, Note: all four edges will be the same thickness.
- Take duct tape, gorilla tape, or double face tape ( do not take the bottom paper of the duct tape, you do not want the tape to stick to the floor)
- Make sure that the tape is about 2" longer than the opening on all sides.
- Slide the tape under the tiles half way all around the existing tiles.
- Take the new Konecto tile and press in place. Roll with hand roller.



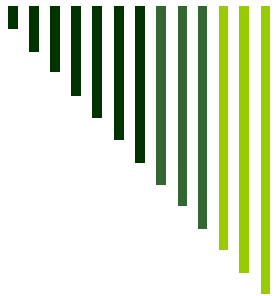


#### GENERAL MAINTENANCE

- Although Konecto floors are durable, all floor coverings require some care to look their best and many problems can be prevented before they occur. The type and frequency of traffic on your floor will determine the frequency of maintenance needed. The type of floor and even the color will also have some bearing on how much care may be necessary. For example, solid color floors will visually show scuffs, scratches, dirt and general wear to a greater degree than multi-colors of chips or patterns. Of course, white or light colors will visually show staining to a greater degree than darker colors. For this reason, solid color and white floors should receive special attention in regard to preventative maintenance and amount of care provided. Good judgment when choosing the type and style of floor will help prevent maintenance problems before the floor is even installed!
- Here are the proper steps for maintaining your Konecto floor:
- In order to prevent indentations and scratches, provide glass, plastic or other non-staining cups with flat under surfaces not less than 2" in width for the legs of heavy furniture or appliances. Equip swiveled-type office chairs and other rolling furniture with broad surface non-staining casters at least 2" in diameter. Remove small diameter buttons from the legs of straight chairs and replace with metal glides that have bearing surfaces not less than 1" in diameter.
- Protect your floor against burns. Burns from the glowing end of a cigarette, matches, or other extremely hot items can damage Konecto floors.
- Do not flood floor or subject to frequent standing water as problems associated with excessive moisture can affect the job site and should be addressed. Konecto should not be used as a Moisture Reduction System.
- Protect your floor from tracked-in-dirt and grit particles by using mats at all outside entrances. Take time to remove any imbedded grit particles from shoe soles before entering the room. Avoid the use of rubber-backed mats, as certain rubber compounds can permanently stain vinyl. Avoid tracking in tar or asphalt from driveways, as this can also discolor vinyl. Avoid high heels on your floor. They can cause permanent damage. Do not use vinegar, one-step cleaner/polishes or oil soaps on Konecto products.
- All Konecto floors have a good resistance to stains. They are not affected by most common household spills: however, any spill should be cleaned up immediately. The longer the spilled materials are left on the floor, the greater the risk of permanently staining the floor. For information regarding the proper method or solution to use on a specific stain, contact Konecto's Technical Department or check troubleshooting guide.
- Avoid exposure to direct sunlight for prolonged periods. During peak sunlight hours, the use of the drapes or blinds is recommended. Prolonged direct sunlight can result in discoloration, and excessive temperatures might cause tile expansion.
- Do not use vinegar as a cleaning agent on Konecto vinyl Products



- **MAINTENANCE FOR Konecto COMMERCIAL FLOORS**
  - The type frequency of traffic on your Konecto floor will determine the frequency of maintenance needed.
  - The type of floor, and even the color, will have some bearing on how much care may be necessary.
  - Regular adherence to an effective maintenance program should include:
    - thorough dirt and grit regulation and prompt removal of spills and stains
    - protection of the floor surface
- The most effective part of any floor maintenance program is the simplest: sweep, dust mop or vacuum Konecto flooring DAILY, or more frequently if needed.
- **Initial Maintenance Upon Completion of the Installation:**
- Sweep or vacuum thoroughly and remove any adhesive residue from surface. Mineral Spirits is fine for this.
- Do not wash the floor for at least 24 hours after installation. Lightly damp mop with Konecto Cleaner following instruction on bottle. Remove any scuffs and excessive soil by careful scrubbing. Certain types of rubber heel marks may be removed by rubbing with a cloth dampened in mineral spirits.
- **Routine Commercial Maintenance:**
- Konecto solid vinyl plank has excellent durability and a history of performing well in heavy commercial installations as long as a sound maintenance program is followed. Light daily sweeping, dust mopping or vacuuming will prevent dirt and grit particles from being ground into the surface of the tile. Non-rubber, walk off mats should be used to control the amount of dirt and grit reaching the floor. The mats should be as wide as the doorway and thick enough to trap dirt. Frequent light mopping will prevent the floor from becoming heavily soiled and will remove most spills and stains. The amount and type of traffic will dictate the frequency of washing. Wash the floor by damp mopping or use an Auto-Scrubbing machine with Konecto Cleaner following instructions on the bottle.
- If the floor receives hard use and becomes extremely dirty, as in heavily used commercial installations, floor scrubbing with a 175-300 RPM floor Buffer will be necessary with a red scrubbing-type (polyester or nylon) pad. Mop the floor with Konecto Cleaner and work the solution over the floor using the buffer and the scrubbing pad. After this has been done, remove the dirty residue by damp mopping with a clean bucket of Konecto Cleaner following instructions on bottle. Let floor dry, you will then see a light film residue, take low speed buffer and a White polishing pad and buff until the film is removed. Please Note: Do not use a buffer that is more than 300 RPM under any circumstances.



□ **Stain Removal:**

To remove stubborn spots or stains from Konecto Luxury Vinyl floors, always begin with mild cleaners such as Konecto Cleaner or Konecto Scratch Remover. If this fails to remove stain, use mineral spirits. Do not use harsh solvents such as acetone or lacquer thinner, as these can permanently soften the vinyl surface.

For extreme staining (paints, permanent markers, dyes) try applying fingernail polish remover containing acetone (not straight acetone) applied to a soft cloth and rubbing. Any damage resulting from use of pure solvents IS NOT covered by warranty. Always test stronger cleaning agents on sample pieces or in unnoticeable areas first.

**Konecto Accessories**

**Available thru our toll free # 1-877-827-5779**

- **Konecto Repair Adhesive:** A liquid aggressive adhesive that when place on Konecto strip will leave a lasting tight bond.
- **Konecto Floor Cleaner:** A specially formulated concentrated cleaner that when mixed with water will remove dirt and grime plus remove light scratches.
- **Konecto Scratch remover:** A 22 oz spray that will remove and conceal scratch on isolated planks or tiles.

**Konecto Accessories Available**

- **Konecto Tile Transition Strip:** A strip when applied to the overlip will change the overlip to an underlip, And will change the direction of the installation.

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