

# NAF AQUA VINYL PRODUCTS

## PLEASE READ COMPLETELY BEFORE INSTALLATION

*Please inspect product for color, finish, quality, and style BEFORE installing any material. NAF's warranty DOES NOT cover materials with visible defects once they have been installed. Any defects should be reported to the flooring dealer IMMEDIATELY for inspection and/or replacement. Failure to follow recommended installation procedures may void warranty.*

**ALL PLANKS ONCE INSTALLED ARE CONSIDERED AS ACCEPTED BY THE INSTALLER AND/OR HOMEOWNER AND THE MANUFACTURER ASSUMES NO RESPONSIBILITY FOR THE ABOVE.**

## TOOLS & ACCESSORIES

- Straight Edge
- Rubber Mallet
- Tape Measure
- Square and measuring tape
- Utility Knife
- Tapping Block
- Spacers

**TIP:** To prevent damaging this flooring, avoid pounding on it with a rubber mallet during installation. A tapping block should be used instead to buffer impact.

## BEFORE YOU START

### PREPARATION

- **IMPORTANT:** Do NOT install NAF AQUA PRODUCTS in any exterior areas such as porches. NAF AQUA PRODUCTS were designed for interior areas.

- ALWAYS acclimate your floors prior to installing them. The cartons must be stored horizontally, and planks should remain in their closed boxes until installation. The room temperature should be kept between 65-85°F (18-26°C) for at least 48-72 hours prior to installation. HVAC must be running 72 hours prior to installation. The same temperature range should be kept during and for at least 24h after installation.
- Once acclimation process is done, open the boxes and check for colours. Inspect planks in optimal lighting and put aside defective planks for later use as trimming pieces to start and/or finish rows, after removing the defective portion of the planks.
- To determine the amount of material needed, measure area to be covered by floors (simply multiply width x length = square footage of the room). Also, measure transitions (like door entryways and nooks) individually (to be added to the previous area to determine total area to cover). Make sure to Include at least 10% extra floors to make up for waste, trimming and future replacement needs.
- NAF AQUA PRODUCTS come as follows:
  - AQUA TILE comes with a 1mm high-density IXPE attached and cannot be installed over separate underlayment.
  - AQUA BRONZE comes with a 1mm EVA attached and cannot be installed over separate underlayment.
  - AQUA SILVER comes with a 1mm high-density IXPE attached and cannot be installed over separate underlayment.
  - AQUA GOLD comes with a 1.5mm high-density IXPE (HUSSSH) attached and cannot be installed over separate underlayment.
  - AQUA SELECT comes with a 1.5mm high-density IXPE (HUSSSH) attached and cannot be installed over separate underlayment.
  - AQUA GOLD W. CORK comes with a 1.5mm high-density CORK attached and cannot be installed over separate underlayment.
  - AQUA PLATINUM comes with a 2mm high-density IXPE Foam attached and cannot be installed over separate underlayment.

\*\* Use of additional underlayment on any products with underlayment's attached are not recommended during installation and will void all warranties. \*\*

- NAF AQUA SPC floors use industry patented click lock systems. The type of clicklock systems may vary or change from time to time. Please check [floorsatwork.com](http://floorsatwork.com) or contact NAF for up-to-date product information.

## **SUBFLOOR PREPARATION**

- Any subfloor unevenness greater than 3/16" in a 10' radius (5mm in 3m) must be leveled. Use an appropriate leveling compound and use primer or sealer if recommended by supplier. In some cases, the use of an underlayment may eliminate the need for additional leveling of subfloor. The subfloors must be clean, dry, smooth, flat, solid, and free of mold/mildew. Make sure to nail down any loose boards. If uneven, corrections must be made in order for floors to be installed. There are leveling compounds available in the market for leveling subfloors and filling gaps. Always follow the manufacturer's application instructions.
- It is possible to install NAF AQUA PRODUCTS on many different surfaces if stable and firmly secure. Make sure to remove any carpeting, floating hardwood, or laminates, felt, cushion vinyl, and adhesive residues.
- You may install NAF AQUA PRODUCTS directly over ceramic tiles, PVC, VCT, glued laminate or hardwood and fixed wooden boards if they are installed over a wooden subfloor.
- New concrete subfloors must be cured for at least 60 days.
- When installing on a cemented subfloor located on the first floor, a 0.6mm thick layer of polyethylene sealer should be applied to prevent moisture from bleeding through which could create a residue on the flooring surface.

## **TIPS FOR BEST RESULTS**

- Blend planks from multiple boxes while installing floors for a harmonious final look.
- Lay the planks referring to the direction of the longest wall in the room.
- Stagger planks randomly to avoid aligning short edge seams.

## **ATTENTION**

Due to differences in temperature and humidity, floors can expand (hot days) and contract (cold days). Your floors must be able to expand and contract in all directions. To allow for this variation, you must provide expansion gaps along each wall and your floors. Expansion joints must also be provided around pipes, thresholds, obstacles, doorways and between adjoining rooms or areas where adjacent flooring is installed. Keep the seams tight between planks (there should be NO gaps between panels as they need to click together). For reference, the expansion that is to be expected can count as much as 2mm per meter (1/16" per 3.28ft). So, the greater the floor area, the greater the expansion. For rooms / areas over 30ft (9.1m) wide or over 36ft (10.9m) long, additional expansion joint (T-moldings) must be inserted. Gaps should measure between 8-12mm (5/16"-1/2") and provided at all walls. We recommend 10mm (3/8") minimum. An expansion space of 1/4 inch (6 mm) [5/8 inch (16mm) for areas that will be exposed to temperatures greater than 85°F (29°C)] around the perimeter of the room should be maintained; this same expansion space should be maintained when using transition moldings. Otherwise, there is no need for additional expansion space within or between rooms.

## INSTALLATION

1. Begin laying planks from the left side of the starting wall and work to the right side. The tongue side of the plank shall face the starting wall.
2. Place 5/16" (8.2mm) spacers between the short and long side of the planks and the wall. Always position one spacer between the wall and where the planks join.
3. The end joints of the planks in the first row are assembled by inserting the tongue side into the groove side of the previous plank at a low angle. Gradually lower the plank down flat until the end joint closes, ensuring that the planks are perfectly aligned. Install remaining full planks in the first row.
4. The last plank in the first row will need to be cut. Measure the distance between the wall and the surface of the last full plank. Subtract 5/16" (8.2mm) from this measurement to allow for the spacer. If this measurement is less than 8" (20.3cm), the length of the first plank in the row must be cut. This will allow for a longer plank at the end of the row. The first and last plank in each row must be at least 8" (20.3cm) in length. Planks are cut using a sharp utility knife and straight edge/ carpenter's square. Score the surface of the plank with a utility knife, and then snap the plank at the score line.
5. The remaining piece cut off from the last plank in the first row may serve as the first plank in the second row provided it is at least 8" (20.3cm) long. Always stagger end joints from row to row a minimum of 8" (20.3cm).
6. Install the long side of the first plank of the second row. Remember to place a 5/16" (8.2mm) spacer between the wall and the short side of the plank. Insert the tongue side into the groove side of previous row at a low angle and lower flat to the substrate.

7. Install the second plank in the second row. Position the long side of the plank with the tongue side overlapping the groove of the planks in the previous row approximately 1/8 ". Then, angle the end joint into the previous plank. Angle the plank up and gently push forward until the plank locks into the previous row. Continue installing remaining planks in second row. It is important to make sure that the first two rows are straight and square as they can affect the entire installation.
8. Continue working from left to right, row by row. Be sure to maintain a 5/16" space around all walls and vertical objects and maintain a random appearance. Offset end joints a minimum of 8" (20.3cm).
9. Do not install kitchen islands or cabinets on top of vinyl floor.
10. Wheel and office chairs are not recommended.

## **FINISHING THE INSTALLATION**

After all planks have been installed, remove spacers from perimeter of room. Install transition moldings. Do not fasten any moldings through the flooring. Pre-Drill and install quarter round or baseboard moldings. Moldings must be sufficient size to cover the 5/16" (8.2mm) space. Do not fasten moldings through the flooring. Fasten into the wall. Use plywood to cover the top of the flooring when moving heavy furniture or appliances into position. Use proper floor protectors under the legs of furniture. Post installation temperature **MUST** be maintained between 65°F and 85°F (flooring temperature). Relative humidity must be maintained between 40% and 70%.

## **POST-INSTALLATION TIPS**

- You may walk on the new NAF AQUA flooring right after installation.
- Make sure to check Warranty Terms & Conditions and Care & Maintenance Guidelines.