INSTALLATION INSTRUCTIONS

VELARIS

SPC WITH PATENTED TRUEGROUT® TECHNOLOGY

Installation: Aligned / Stacked

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 |

Patended **TrueGrout®** Technology can be installed aligned / stacked or staggered / brick

Installation: Staggered / Brick

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 |

Overlap plank edges and delicately insert tongue into groove.

DropLoc
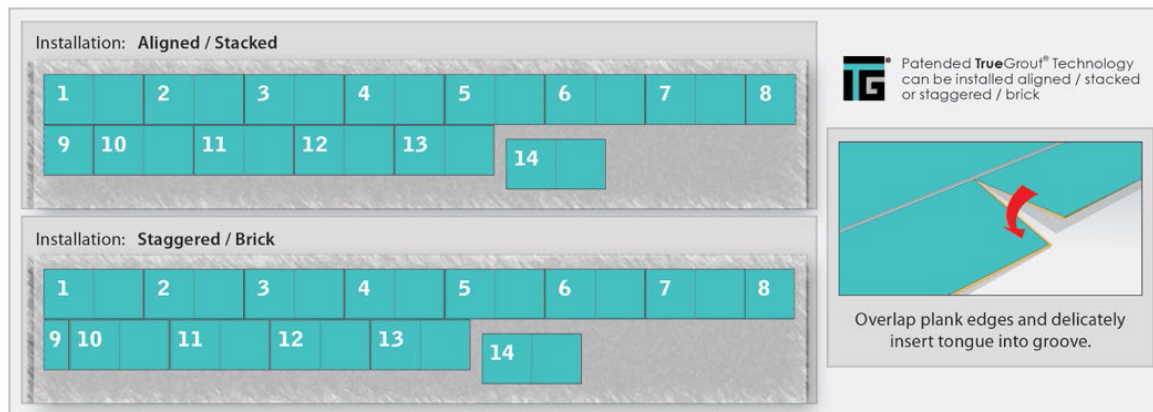
IMPORTANT:

Prior to installation, inspect material in daylight for visible defects or damage and verify the product is the correct color and design. No claims for visible defects or incorrect product will be accepted after installation. In the event you notice visual defects in the planks, STOP the installation immediately.

TRUE GROUT:

Cobalt Velaris SPC Flooring with TrueGrout can be installed in one of two patterns; Aligned/Stacked look or Staggered/Brick look as shown in the diagram above.

TOOLS REQUIRED:
- Installation kit (spacers, pull-iron)
- Saw
- Rubber mallet
- Pencil
- Straight edge
- Everwood Tongue & Groove adhesive, if needed for added strength (available from Cobalt Surfaces).

Cobalt Velaris is a floating floor system. Under no circumstances may planks be adhered, nailed, or otherwise fastened to the substrate. Moldings, millwork door stoppers, etc must not be fastened to or through the finished floor.

Depressions, deep grooves, expansion joints and other substrate imperfections of more than 1/8" must be sanded down or filled with patching/leveling compound.

Radiant heat systems must have a minimum of 1/2" separation from the product. Cobalt Surfaces Valeris can be installed over 1/2" embedded radiant heat. Maximum operating temperature must never exceed 85°F. Contact Cobalt Surfaces for more detailed specifications for installations over radiant heat.

The area where the floor covering will be installed must be climate controlled with an ambient temperature of 55°F - 85°F. Ensure the permanent HVAC system is operational and fully functional to maintain the required temperature 48 hours prior to installation, during installation and continuously after installation.

INSTALLATION:

Measure the room and ensure that the board width of the last row of planks shall not be less than 2". The first row of planks may need to be cut to ensure that the final row of planks will not be less than 2".

Begin laying planks from the left side of the starting wall and work to the right side. The tongue of the plank should face the starting wall. Note: for added strength, apply adhesive, such as Everwood Tongue & Groove adhesive, to the tongue on the short side of the first and last rows. For heavy traffic areas, it is recommended to apply adhesive to all of the short sides of the planks. Do not apply adhesive to the substrate.

To allow for proper expansion, place 3/8" 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.

The end joints of the planks in the first row are assembled by overlapping the tongue side over the groove side of the previous plank ensuring that the planks are perfectly aligned. With firm pressure, push the end joint downward

until the end of the plank snaps in place. Install remaining full planks in the first row.

To complete the first row, measure the distance between the wall and the surface of the last full plank and subtract 3/8" from this measurement. Install this piece in place and apply the spacer to keep flooring from moving during installation.

Before starting the 2nd row, confirm which pattern will be installed.

For the "Aligned/Stacked" look, cut a plank in half (you will have 2 equal pieces). Place one half-plank (right portion) at the beginning of the 2nd row, then align the grout line of the cut piece to the grout line of the first piece in the first row before locking/dropping into place. For the "Staggered/Brick" look, cut 1/3 plank, then place the balance (2/3 plank) at the beginning of the 2nd row, before locking into place.

Install the second plank of the second row. Position the long side of the plank with the tongue side, fully engage into the groove of the first row of product. Lower the plank to the floor insuring that the end joint is overlapping and perfectly aligned, with firm pressure; push the end joint downward till the end of the plank snaps in place. Continue installing planks in the second row. It is important to make sure that the first two rows are straight and square as they can affect the entire installation

Continue working from left to right, row by row. Be sure to maintain a 3/8" space around all walls and vertical objects and maintain a random appearance. Remember to offset end joints.

Note: For areas exceeding 5,000 square feet, transition moldings such as "T-Molding" are required to allow for proper expansion of the floating floor.

IF THE WALL IS NOT STRAIGHT:

Place the first row against the wall. Using a spacer and pencil, trace the contour of the wall onto the planks and cut along the markings. Note: Note: The board width of the last row shall not be less than 2". The first row of planks may need to be cut to ensure that the final row of planks will not be less than 2". Please take particular care to ensure that the first two rows are perfectly straight.

IN TIGHT SPACES:

Use pull-iron and hammer to ensure planks are properly locked. Note: Never directly hammer planks as it will damage flooring.

TO FINISH:

On the last row you may have to cut along the length of the planks to make them fit in the remaining space (with the aid of the pull-iron and hammer). The board width of the last row shall not be less than 2".

MAINTENANCE: CARE - CLEANING - CLIMATE & HUMIDITY CONTROL:

Place walk-off mats at outside entrances. Ensure mats are manufactured with non- staining backs to prevent discoloration. Clean mats regularly to keep soil and grit from being tracked onto the flooring.

All fixed furniture legs must have a flat contact point of at least 1 square inch (a 1.125" circle) to limit indentation and flooring damage. Permanent felt or soft rubber floor protectors are recommended.

All rolling chairs or seating must have a resilient flooring chair pad installed over the finished floor to protect floor covering.

Clean Cobalt Surfaces Velaris flooring with a soft broom, a lightly dampened mop or a vacuum cleaner. Remove soil and stains with a slightly dampened cloth. Do not use wax, polish, or scouring materials. Stubborn stains can be removed with an approved Floor Cleaner.

While extreme temperature can cause plank deformation or warping, True Grout is 100% waterproof and should not expand or contract with changes in humidity.

Temperature within the room must be maintained between 0°F to 140°F.Ambient relative humidity must be between 35% and 55%. Rigid core vinyl floors are susceptible to temperature changes in the ambient environment, expansion and contraction is a fact of life. Extreme climate fluctuations indoors may cause slight deformation within the planks and minor separations between the joints of the floor.

VELARIS SPC INSTALLATION INSTRUCTIONS

Avoid direct ultraviolet (UV) exposure / sunlight for prolonged periods of time (especially during peak sun hours) as this may damage your floor. Use UV protective film, blinds, shades, shutters or curtains to assure that the flooring is protected from sun (UV) and is not overheated due to this exposure. (Failure to protect flooring voids all warranties, express or implied and releases Cobalt Surfaces Industries from any claims, damages, or liabilities which may arise).

It is vital to ensure that radiant heating systems are kept to a temperature that will not heat the floor above 85°F.

FOR MORE INFORMATION:

Cobalt Surfaces Website: cobaltsurfaces.com/technical

ASTM Standards (ASTM.org):
- ASTM F3261:
  Standard Specification for Resilient Flooring in Modular Format with Rigid Polymeric Core
- ASTM F710:
  Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring
- ASTM F2678:
  Standard Practice for Preparing Panel Underlayments, Thick Poured Gypsum Concrete Underlayments, Thick Poured Lightweight Cellular Concrete Underlayments, and Concrete Subfloors with Underlayment Patching Compounds to Receive Resilient Flooring