



VERSAFLOOR™

## GLUELESS INSTALLATION INSTRUCTIONS

Domco VersaFloor™ Residential Sheet Flooring (Ambiance® and Trends®) may be installed without the use of adhesive. The following are instructions for installations using the Glueless Installation System.

### SUBSTRATE PREPARATION

#### 1. WOOD UNDERLAYMENTS

Wood floors must be double construction with a minimum thickness of 1". Top layer of wood shall be American Plywood Association (APA) Underlayment Grade Plywood or other recommended underlayment grade plywood. If necessary, fill and level underlayment joints and all other irregularities with a high quality, non-shrinking, latex fortified, hydraulic cement patching compound.

#### 2. CONCRETE SUBSTRATES

Concrete floors shall be constructed in accordance with the American Concrete Institute (ACI) 302.1 Guide for Concrete Floor and Slab Construction. Floors must be finished and cured according to ACI with a minimum compressive strength of 3500 psi. Floors must be dry, clean and smooth. Floors must be free of any sealers, curing, hardening or parting compounds that would adversely affect the adhesive used with the flooring. Installation of moisture vapor barrier is recommended prior to pouring of on or below grade slabs. Moisture vapor transmission shall not exceed 3 lbs./1000 sq.ft./24 hours per ASTM F-1869 (Anhydrous Calcium Chloride Test). If necessary, fill and level any cracks, construction joints, control joints, depressions, grooves or other irregularities with a high quality, non-shrinking, latex fortified, hydraulic cement patching compound.

#### 3. EXISTING FLOORS

Domco VersaFloor™ may also be installed over properly prepared existing floors provided the existing floor is a single layer, in good condition, fully adhered and does not contain a thick cushion layer. If the existing floor is deeply embossed, a high quality embossing leveler must be used to smooth and level the floor. If the existing floor shows evidence of either topical or bottom up staining, necessary steps must be taken to insure that the stain does not migrate into the new flooring.

#### [ WARNING ]

**Do not sand, dry sweep, dry scrape, drill, saw, beadblast or mechanically chip or pulverize existing resilient flooring, backing, lining felt or asphaltic**

**"cutback" adhesive. These products may contain asbestos fibers or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content.**

#### 4. PREPARATION

- Remove quarter round molding, baseboard, cove base, etc.
- Undercut all door casings with a jam saw the thickness of the flooring. This will allow flooring to be placed under door casings.
- Any surface materials such as paint, wax, grease, oil, adhesive residues, etc. must be removed.
- Thoroughly sweep and/or vacuum substrate to remove all loose dirt and grit.

### GLUELESS INSTALLATION SYSTEM

- **DO NOT PERIMETER ADHERE VERSAFLOOR™.**
- **Installations requiring more than one seam are acceptable when installing over a concrete substrate.**
- **Installations requiring more than one seam when installing over a wood substrate must be fully adhered.**
- **Installations that require the flooring to be net fit, the flooring must be fully adhered.**
- **Long lengths of flooring may have a tendency to bow or twist during layout and installation. Use caution to insure that the material is lying completely flat and is properly aligned before final fitting and/or cutting of seam.**
- **Leave a 1/8"-1/4" space between flooring and all verticals (ex. walls, cabinets, pipes, etc.)**

#### 1. INSTALLATION WITH NO SEAM

Flooring shall be stored rolled face out on a sturdy core. Allow flooring to acclimate to the temperature of the room in which it will be installed for at least 48 hours prior to installation. Room temperature shall be no less than 65° Fahrenheit.

Measure the room and precut the flooring allowing extra for trimming.

Unroll the flooring and position in the room. Allow flooring to relax for 20-30 minutes. Fit material using a sharp, sturdy utility knife.

**Leave a 1/8"-1/4" space between flooring and all verticals (i.e. walls, cabinets, pipes, etc.).** Slide flooring beneath the undercut door casings.

## **2. INSTALLATION WITH SEAM**

Flooring shall be stored rolled face out on a sturdy core. Allow flooring to acclimate to the temperature of the room in which it will be installed for at least 48 hours prior to installation. Room temperature shall be no less than 65° Fahrenheit.

Measure the room and precut the first piece of flooring allowing extra for trimming.

Unroll the flooring and position in the room. Allow flooring to relax for 20-30 minutes. Fit material using a sharp, sturdy utility knife.

**Leave a 1/8"-1/4" space between flooring and all verticals (i.e. walls, cabinets, pipes, etc.).** Slide flooring beneath the undercut door casings.

Cut second piece of flooring. Be sure to allow extra material for pattern match. Overlap seam edges and obtain exact pattern match. Seams are cut using the double-cut method. **Do not straight-edge and butt seams.**

After the exact pattern match has been achieved, place masking tape at seam overlap to prevent flooring from moving. Fit second piece of flooring. Remember to leave a 1/8"-1/4" space between flooring and all vertical objects.

## **3. CUTTING SEAM**

Lay a straight edge along center of seam overlap or grout line. If the thickness of the grout line is 1/8 inch or less, place straight edge along outside edge of grout line. Using the straight edge as a guide, cut through both sheets of flooring with a sharp, sturdy utility knife held to produce a vertical cut. Do not tilt knife blade. Do not place a scrap piece of flooring under seam overlap. When installing over an existing floor, do not cut into the existing floor.

Lift top edge of flooring and carefully remove bottom salvage. Be sure it does not scrape along lifted edge. Mark subfloor along seam edge with a pencil. Do not contaminate seam edge with lead from pencil. Apply Domco Seam Tape to subfloor, so that it is centered over pencil line. Roll seam tape in place with a hand roller. Remove release liner from seam tape. Position seam and roll with a hand roller.

## **4. SEAM SEALING**

All seams must be chemically welded. Use Domco DT-25 for material with high gloss finish and Domco DT-65 for material with low gloss finish. Follow seam sealing instructions carefully. Protect sealed seams for a minimum of eight hours.

## **5. FINISHING**

It is recommended that all exposed edges be protected. Install wood moldings and/or cove base around the perimeter of the room. Nail molding into the wall, not into the floor. Use transition moldings at doorways or where the new flooring meets an existing floor. However, do not nail or fasten the molding directly through the flooring.

**Do not move or roll furniture and appliances directly over floor. Always place plywood or hardboard panels on floor when moving furniture or appliances.**

Check furniture to be sure the legs are equipped with proper rests and are of sufficient size to prevent permanent indentations.

For more information, please contact the Technical Service Department, Domco Inc., 1139 Lehigh Avenue, Whitehall, PA 18052 or call 888-639-8275.