

SYNTHESIS AND HEATHER INSTALLATION INSTRUCTIONS:

Surface Requirements and Preparation

Acceptable substrate surfaces;

- Fully cured concrete
- Wood underlayment such as APA Underlayment grade plywood (minimum 1/4" thickness) is the preferred underlayment.
- Exterior grade plywood (Group 1 CC type)
- Vinyl composition tile (limited to one layer) and stripped of any waxes, and fully bonded.
- Properly leveled embossed sheet goods that are securely bonded and **fully adhered**.
- Cement terrazzo or Ceramic Tile that has been leveled and the surface properly prepared such as lightly sanded and deglossed.
- Bared steel, aluminum
- Non-porous surfaces (consult with Seasons Flooring supplier for additional information)

Non-Acceptable surfaces

- Press wood
- Chipboard, flake board, particleboard
- Gypsum-based toppings, leveling and patching compounds as exclusions.

General surface recommendations

Supporting surfaces shall be clean and free of dust, oil, grease, tar, or other loose substance that may prevent or reduce adhesion

Test concrete slabs for excess moisture. Should not exceed 3 lbs. Per 1000 sq ft per 24 hours as measured by anhydrous calcium chloride test

Adhesives and Application

Use of the following adhesives or equal is recommended

- *Commercial Installations: Mapei G21 two component polyurethane adhesive*
- *Outdoor commercial Installations: Mapei G21*
- *Residential Installations: Mapei Eco 350 acrylic based adhesive*
- *Outdoor residential Installations : Mapei G21*

Do not apply adhesive when substrate temperature is below 50 degrees or above 90 degrees.

Use recommended notched trowel. Size is 1/32" x 1/16" x 1/32" U-Notched

Ensure that minimum 90% of adhesive transfer to the floorcovering backing

G21 Adhesive-Do not spread more adhesive than can be covered within 30-45 minutes. Wait 15-20 minutes, then install flooring into the adhesive. Check for proper adhesive transfer as floor temperature gets warmer.

ECO 350 Adhesive-Spread evenly and if allowed to dry, it remains pressure sensitive for two hours. Depending on substrate porosity, the floorcovering can be installed into the adhesive while it is still fresh or when the adhesive has developed pressure sensitive characteristics.

Roll flooring surface across width and length to break down adhesive ridges and ensure removal of trapped air. Wait 1-2 hours then repeat rolling procedure.

G21 Adhesive-The initial grab is low, apply weights if necessary to maintain contact with the adhesive, particularly at the seams

Promptly clean adhesive smudges from the flooring surface. Use wet cloth when fresh or mineral spirits when dried.

Installation Procedures

Acclimate flooring to room temperature and humidity levels. Make installation length cuts 2-4 inches longer than the area requires. Allow these cuts to lay out, unrolled for 24 hours for sufficient acclimation period.

Side seaming is recommended. When laying out the installation cuts, avoid end, cross, or butt seams.

Run the flooring strips the same direction; do not reverse consecutive strips.

Seasons Flooring is 6' 7" wide. Mark a line 6ft from the starting wall and spread adhesive to the mark. Follow open time guidelines given in *Adhesive and Application* section to avoid excess open times.

Lay the strip of flooring onto the adhesive.

Mark a line 6ft from the edge of the strip of flooring. Spread adhesive for the next strip of flooring starting 5" from the flooring edge to the line mark.

Lay the strip of flooring onto the adhesive and overlapping the edges of adjoining strips of flooring by 1"-2".

Double cut the overlapped edges of adjoining strips to form the two seam edges

Pull back the two seam edges. This is the area that was left without a coat of adhesive. Apply adhesive to the floor underneath the length of the seam.

Seam bond the edges, described in Seaming section

After setting the seam, roll the surface of the two adjoining strips. Repeat rolling 1-2 hours later if high humidity level is slowing the adhesive drying rate.

For consecutive strips repeat steps 6 - 11

Loose Lay

- Allow 1/4" along the wall for expansion
- Seam following the procedures in Seaming section

Protection

Do not allow traffic or furnishings for 72 hours on commercial and heavy traffic applications and 24 hours on residential applications.