



## Installation p.1 | **Earthflex**

### **UPON PRODUCT DELIVERY**

1. Verify packing slips match with product and order. Inspect delivered product thoroughly.
2. For tiles, do not stack pallets.
3. For rolls, store laying down and do not stack rolls higher than four.
4. Store product and adhesive in a clean, dry environment with temperatures between 65° F and 95° F. Product may be stored in temperatures under 65° F as long as it is installed in a room with working HVAC and has been properly acclimated to the room it is being installed in prior to being glued to the floor. Areas to receive flooring (including concrete slabs) should be weather tight and should be maintained at a minimum uniform temperature of 65°F (18°C) for 48 hours before, during, and after the installation.
5. The material must be acclimated to the environment where it will be laid for at least 48 hours before installation.
6. Read product and subfloor preparation and instructions carefully and completely before beginning any installations

### **PREPARATION**

#### **PRODUCT**

Earthflex rubber tiles and rolls should be protected from excessive moisture and other damage prior to application, during application and while curing.

#### **SUBFLOOR SURFACE**

The subfloor general conditions should be as follows:

- Must be either concrete, wood, or approved Portland-based patching and leveling materials.
- Moisture vapor emission must not exceed the maximum allowable tolerance of the adhesive being used.
- Must be free of wax, oil, grease, sealer, curing compound, paint, varnish, old adhesive, or other contaminants. All contaminants must be removed by mechanical abatement since chemical abatement will lead to additional contaminants.
- Be reasonably flat and free of holes or variances of more than 3/16in in 10 feet.
- Must be firm, structurally sound, dry, clean, smooth, and level.
- Concrete shall have a minimum compressive strength of 3000 psi.

#### **CONCRETE SUBFLOORS**

The concrete subfloor conditions should follow the general conditions above, as well as:

- Must have a permanent effective moisture barrier membrane.
- Must be fully cured for a minimum of 28 days and permanently dry.
- All cracks must be filled with approved Portland-based patching compound.
- Must be dry, sufficiently porous, and clean.
- Must not be loose, sandy, and scaly or have a powdery surface.

#### **WOOD SUBFLOORS**

The wood subfloor conditions should follow the general conditions above, as well as:

- Must be double construction with a minimum thickness of 1in
- Must be rigid and free from movement
- Must have a minimum of 18in of well ventilated air space below

### **INSTALLATION PROCEDURES**

#### **IMPORTANT NOTES**

Foot traffic and rolling loads should not be allowed onto Earthflex until 24 hours and 48-72 hours, respectively, after completion.

#### **INSTALLATION INSTRUCTIONS FOR INSTALLING ROLLS**

1. Make sure that the room temperature does not go below 65°F and the room has working HVAC.
2. Unroll rolls in the same direction as this will eliminate color variation.
3. Allow Earthflex to relax overnight. Shaking the material can help it relax.
4. Use a chalk line to make a starting point for an edge of the floor to follow.
5. Cut rolls efficiently and at the required length which includes excess to run up the wall.
6. Lay rolls on the floor and allow to relax into position overnight or a minimum of 12 hours.
7. Place edge of first roll along chalk line.
8. If end seams are necessary, they should be staggered and overlapped 3-6in.
9. Position the second roll with a maximum of 0.125in overlap over the first roll at the seam as this will leave tight seams and eliminate gaps.
10. Lay all the rolls that will be installed during that day.
11. Starting at the wall, roll back half the roll width.



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12. Apply adhesive to substrate, half of the roll width, with the recommended trowel size on the glue pail.
13. Lay flooring into wet adhesive.
14. Immediately roll the floor with 75lb - 100lb roller to eliminate air traps (Overlap each pass of the roller by 50 percent).
15. Fold back the second half of the roll and repeat steps 12-14.
16. Repeat steps 11-15 with all other rolls.
17. If gaps between seams exist, hold them together with 3M Green tape.

### ***INSTRUCTIONS FOR INSTALLING TILES***

1. Make sure that the room temperature does not go below 65°F.
2. Measure dimensions of area to be covered.
3. Use a chalk line to divide the room into 4 by drawing lines across the middle points of the width and length of the room (Make sure lines are straight to ensure tiles are aligned with the walls).
4. Start in one quadrant and use a chalk line to mark tile placement, which minimizes cuts. (Overlapping middle point lines are acceptable)
5. Cut tiles efficiently to avoid waste.
6. Lay tiles in the same direction onto the first quadrant of the floor.
7. Apply adhesive to substrate with the recommended trowel size on the glue pail to tiles farthest from the wall.
8. Lay tiles into wet adhesive.
9. Repeat steps 7 & 8 on first row of tiles doing the tiles farther from the wall first.
10. If gaps between seams exist, hold them together with masking tape.
11. Within 45 minutes of laying tile into adhesive, roll the floor with 75lb - 100lb roller to eliminate air traps. (Overlap each pass of the roller by 50 percent)
12. Repeat steps 7-11 on subsequent rows of tiles.
13. Once one quadrant is finished, move on to the remaining 3 quadrants by repeating steps 6-12.