

## Ignite Installation

### Upon Product Delivery

1. Verify packing slip matches with product and order and inspect delivered product thoroughly.
2. Store product and adhesive in clean, dry environment with temperatures between 70° and 95°F.
3. The material must be acclimated to the environment where it will be laid for at least 48 hours before installation.
4. Read product and subfloor preparation and instructions carefully and completely before beginning any installations.

### Preparation

#### *Product*

Ignite rubber 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:

- Moisture vapor emission must not exceed the maximum allowable tolerance of the adhesive being used when tested in accordance with ASTM F1869, anhydrous calcium chloride test
- 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 1/8" in 10 feet radius
- Must be properly prepared to be a satisfactory bonding surface for adhesion of subfloor to Ignite
- Must be firm, structurally sound, dry, clean, smooth, and level

#### *Concrete Subfloors*

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

- Must have cured for a minimum of 28 days
- Must have a permanent effective moisture barrier membrane installed that is in accordance with ASTM E1745 and E1643
- Must be dry, sufficiently porous, and clean
- Must not be loose, sandy, and scaly or have a white powdery surface
- Must have a temperature of at least 65°F prior, during, and 48 hours after installation

# STRENGTH

## Installation Procedures

### *Important Notes*

- It is possible to bend material around the track's radius given the radius is not too small.
- Recommended V notch trowel sizes are 1/8" by 1/8" by 1/8" and 3/16" by 1/8" by 1/8" depending on thickness of Ignite
- Before weighting the seams, use extreme care to check and immediately wipe off any excess adhesive that may be oozing through the seams and/or any spots of adhesive on the surface, using denatured alcohol. It is extremely difficult to remove adhesive when it has dried. Do not use anything other than denatured alcohol

### *Instructions for Laying Rolls*

1. Square room and make the first chalk line parallel to the length of the room.
2. Unroll material in the same direction and follow the numbered roll sequence. End seams should be staggered on the floor and overlapped approximately 6" (15 cm). Long seams must overlap by approximately 3/16" (0.5 cm).
3. Allow Ignite to relax overnight once unrolled.
4. To make perfect end (head) seams, the first edge of the seam must be trimmed at least 3" (7.6 cm) using a good straight edge. Then cut the second edge by using the straight edge again, leaving 3/16" (0.5 cm) overlap to make a tight compression seam.
5. Dry lay all material prior to adhesion.

### *Instructions for Applying Adhesive*

1. Roll back flooring from an end (head) to the middle of the roll length. Do not "flop" back; always roll.
2. When starting the first row, apply adhesive evenly up to 2" (5 cm) from both edges of long seams and up 12" (30 cm) from end seam. Head seams will be adhered last.
3. When applying the material into the wet adhesive, frequently check for a good adhesive transfer onto the material backing (90% transfer minimum).
4. When starting the second row, apply adhesive underneath the long seam to be completed (the 2" (5 cm) of the previous row) and up to 2" (5 cm) from the next row.
5. At the end of the day, stop the installation in the center of shot (6" (15 cm) minimum from edge), not at a seam. **DO NOT STOP AT A SEAM EDGE.** You can use a chalk line to mark your last adhesive line at the end of the day. When continuing the next day, make sure to get adhesive all the way back to the adhesive line from the day before.
6. End seams must be perfectly closed by adjusting them without applying too much pressure. Pressured seams will cause peaking
7. Use a 2" (5 cm) masking tape to close gaps in the seams and keep the tile in place while the adhesive sets. Never use duct tape. Duct tape adhesive will chemically react with the flooring surface and leave a permanent residue.
8. Suitable weight must be applied over every seam. Grey concrete utility bricks (2" x 4" x 8") are the only suitable weights. Completely cover the seams for a minimal period of 24 hours. Weighting the seams with bricks will prevent peaking.
9. It is also necessary to brick the perimeter and all edges (i.e. doors, walls, columns, sleeves, etc.)