

## Fusion Rubber Transition Strip Installation Guidelines

### GENERAL INFORMATION

Mannington's Fusion rubber transition strip provides a subtle transition with minimal visual interruption. The compact strips are quick and easy to apply during flooring installation wherever carpet meets resilient.

### ESSENTIAL FIRST STEPS

- Fusion Strips are designed for use only when carpet and resilient flooring adjoin.
- Check size and color. Upon receiving Fusion strip, installation contractor should visually confirm all size and color are correct for the project.
- Sizes. Two Fusion strip sizes from 2.5mm to 9.5mm and 3.2mm to 9.5mm. Width is 2.125 inches, 12 ft. length (300 LF).
- Site conditions. Maintain temperature at 60-85°F with ambient humidity between 40-60% for 48-72 hours before, during installation and at least 48-72 hours after installation. Maintain temperature between 55-90°F for product life.
- Material conditioning. Fusion strip must be allowed to adjust to job-site temperature for a minimum of 48 hours prior to installation.
- Subfloor testing. Concrete subfloors must be tested to determine whether chemical pH and moisture emission levels are suitable.

### SUBFLOOR PREPARATIONS

Careful subfloor preparation is vital for an excellent floor appearance and good adhesion. The subfloor must be smooth, firm, flat, clean, dry, free from defects, and fit for purpose. A suitable smoothing compound should be used to ensure that no irregularities show through to the surface of the finished floor. In all cases, the subfloor must meet the moisture and pH requirements before installation.

#### Concrete

Before proceeding with installation on any concrete subfloor, please make sure:

- Levelness and finish meets or exceeds American Concrete Institute standards, ACI 301.
- Moisture and alkalinity levels meet requirements as detailed earlier.
- Curing compounds are mechanically removed. Many concrete curing agents can prevent adhesives or sealers from forming a proper bond, especially those with silicate compounds.
- Chemical agents are avoided for removal of curing compounds or old adhesives.
- Portland cement-based compounds are always used and mixed according to manufacturer's instructions when patching cracks and holes, and when leveling is required.
- Gypsum-based patching compounds are always avoided.

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## Installation Guidelines

### Layout

When installing the Fusion strip. There are several methods for controlling the straightness of the installed strip.

- **Pre-existing Edge.** When installing a pre-existing carpet edge, butt the wall of the Fusion strip against the finished carpet edge.
- **Existing Edge.** When installing the edge before an existing flooring is installed, it is recommended to mark the determined position of the feature strip by using a chalk line on the subfloor and using the line to position the Fusion strip by using a chalk line on the subfloor and using the line to position the Fusion strip. The use of a straight edge laid along the chalk line will help keep the strip position straight.

### Curved Layout

Many curved layouts can be utilized without any cutting of the feature strip. When a stronger curved dimension is needed, the flange of material that is glued to the substrate will require to be cut in ½ to ¾ inch increments up to the wall of the finished material. This can be done using a utility knife or scissors. When curving the strip wall to an outside curve, the slits will open-up, allowing the product to curve. When curving the finished strip wall to an inside curve, this will require for more material to be cut out, so the product can bend inward.

### ADHERE TO SUBFLOOR

Recommended adhesives. Using Contact cement, coated on both floor and backing of the Fusion strip, pre-applied adhesive tape or a suitable similar adhesive. Once the adhesive is applied, place the Fusion strip in position and roll with a hand roller applying pressure to the adhered area to promote adhesive transfer and proper bond.

### PREP/PATCH

Once the product is adhered to the substrate, using a Portland based patching compound, smooth or level out any voids or imperfections of the Fusion strip to keep the area from showing or telegraphing the uneven area. It is also recommended to patch the Fusion strip on the flange edge even if no cuts are made. This will help hide the slope of the transition to the subfloor. Ensure gage of resilient being used meets Fusion strip's protective edge at proper height-not exposing flooring edge.

### Installing finished flooring onto Fusion strip

Use appropriate adhesive on each product category. Give required open time as recommended for each adhesive. Do not fit either product too tight against separator strip. Roll with a hand roller. If possible, precut the finished flooring trim to fit before applying the adhesive. This will help eliminate any gapping or improper cutting along the transitions.

### Helpful Hints

Do not stretch the Fusion strip.

On a radius, keep a smooth rounded, flat transition.

Make clean, straight cuts when transitioning around a radius.

When adhering the Fusion strip with contact cement, applying a double coat to each surface to allow for a stronger bond.