

Procedures

for Attaching Finished Floor Goods to Maxxon® Underlayments

Maxxon® Floor Underlayments are smooth and dense enough to receive all types of glue-down finished floor materials.

Before, during and after installation of a Maxxon underlayment, building interior shall be enclosed and maintained at a temperature above 50 °F (10 °C) until structure and subfloor temperatures are stabilized.

Maxxon gypsum underlayments are inorganic and provide no source of nutrients to sustain mold growth.

The general contractor must provide and maintain correct environmental conditions to keep the building clean and dry, and protect against infestation of moisture from a variety of potential sources.

Controlling moisture levels in the building, through appropriate trade sequencing and prevention of potential damage by other trades, is the responsibility of the general contractor. The general contractor must supply mechanical ventilation and heat if necessary. These controls fall under the scope of work of the general contractor — not Maxxon Corporation or the Maxxon underlayment installer.

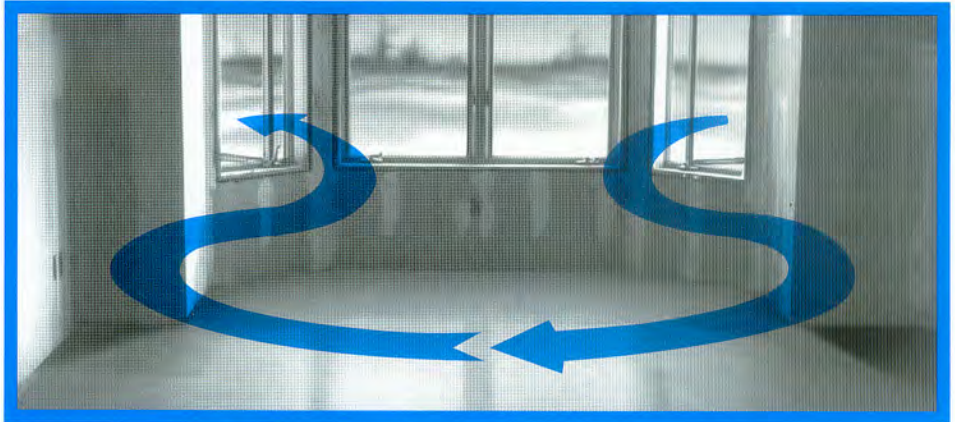
Provide mechanical ventilation if necessary. Under the above conditions, a 3/4" (19 mm) thick underlayment is usually dry in 5 to 7 days. Low temperatures or high humidity will lengthen the drying time.

To ensure the most effective bonding possible, the following steps are recommended.

(1) Check for Dryness

Check for dryness using the recommended procedure of taping a 24" x 24" (609 mm x 609 mm) section of plastic to the surface of the underlayment; or lay a flat, 24" x 24" (609 mm x 609 mm), high-density, smooth rubber mat weighted down on the underlayment surface. If no condensation or darkening of the slab occurs in 48 to 72 hours, the underlayment is considered dry and ready for the following steps. If a moisture meter is to be used, use either a Delmhorst model G-79 or model BD2100. The reading should be 5% or less for glue-down goods. Perform additional tests if necessary.

Maxxon Corporation does not recommend the use of calcium chloride tests to determine moisture content in Maxxon underlayments. Based on our experience and test comparisons the calcium chloride test generates erroneous data. This is due to the fact that Maxxon underlayments are porous and the calcium chloride absorbs moisture from the air through the underlayment.



Good ventilation is necessary. Open windows until underlayment is dry.

If any gouges or nicks occur from construction traffic, contact your Maxxon dealer for repair procedures.

(2-a) Applying Maxxon Overspray

Porosity of the floor is a prime factor in the drying rate of adhesives. This porosity factor may reduce the effective adhesive open time. An application of Maxxon Overspray will minimize the porosity factor.

Dilution Rate

Maxxon Overspray —
4 parts water to 1 part Overspray

Before priming, test the underlayment for dryness. The underlayment must be fully dry before priming.

After diluting per the above rate, spray or roll the Maxxon Overspray at a rate of 300 sq. ft. (27.87 m²) per gallon of mix.

Make certain surface to receive the Overspray is free of mud, oil, grease and other contaminants. For maximum results, the Overspray is applied about 1–2 hours prior to adhesive application. Latex adhesives will not achieve maximum bond until moisture has dissipated. (Note: Level-Right FS-10 and Level-Right Plus do not need to be primed.)

(or 2-b) Maxxon Acrylic Sealer or Maxxon Overspray (Optional)

Occasionally the underlayment surface needs to be left open for long periods of time during demountable partition construction and office leasing. The Maxxon Acrylic Sealer or Maxxon Overspray have been developed to act as a temporary wearing surface during this time.

After Step 1 is completed, dilute Acrylic Sealer or Overspray 4:1 by adding 4 gallons (15.1 L)

of water to 1 gallon (3.8 L) of Acrylic Sealer or Overspray. Spray or roll this dilution at a rate of 200 sq. ft. (18.58 m²) per gallon of mix.

Important

1) Concrete moisture or vapor emission must be eliminated by others prior to a Maxxon underlayment application for below grade, on grade or suspended slabs.

2) Maxxon Overspray and Acrylic Sealer are non-flammable. Do not freeze. Do not ingest. Overspray or Acrylic Sealer equipment may be cleaned with soap and water.

3) Where floor goods manufacturers require special adhesive or installation systems, their requirements supersede these recommendations. In this situation, contact your Maxxon applicator to determine the compatibility of products.

4) Finish floor goods may be damaged by impact, rolling or static loads (stiletto heels, for example) that exceed the flooring manufacturer's recommendations. Maxxon Corporation will not accept responsibility for damage resulting from these conditions. Warranties for these conditions rest with the floor covering manufacturer.

5) Do not install seamless epoxy floors over gypsum products. Use the Level-Right® Polymer Modified Self-Leveling Underlayment that best suits the application.

6) Recommended adhesives are included in this brochure. Perform a sample installation to test bond compatibility.