



INSTALLATION PROCEDURES FOR RUBBER FLOORING

Installation of rubber flooring will only mirror the characteristics of the existing substrate. Proper subfloor preparation is paramount to a successful installation. Please review the following suggestions. Installation of rubber flooring should not begin until all site construction / renovation has been completed.. Floor should be maintained at a minimum temperature of 65 degrees for 48 hours before, during and after installation.

UPON DELIVERY OF PRODUCT

1. Verify packing slip matches with product and order.
2. Inspect delivered product thoroughly. Report any discrepancies of original order, product defects, etc. No reimbursement/warranty claim will be given for labor on material installed with visual defects. Any defects-size, color, or otherwise- must be reported to the place of purchase prior to installation.
3. Store product and adhesives in clean, dry, environment with temperatures between 70-95F.
4. Read product and sub-floor preparation, instructions, warranty and other disclaimers carefully and completely before beginning any installations.

WARNING

DO NOT use recycled rubber products in conjunction with any petroleum based products. This includes solvents, adhesives or sealants. All substrates (especially new concrete) must be fully cured for 45 to 60 days prior to installing rubber products. Please ask your sales representative for recommended cleaning agents.

INTRODUCTORY NOTE

This installation guide is intended to provide the necessary information for the proper installation of MP Global rubber flooring products. These instructions are believed to be based on accepted industry standards and are provided for informational use only. MP Global does not warrant any installation performed pursuant to these instructions or otherwise and specifically disclaims liability for any direct or indirect personal injury, property damage or other costs or losses resulting



from installation. MP Global rubber flooring products should be installed by qualified and experienced personnel

RECOMMENDED TOOLS

Measuring Tape or Ruler

Metal Straight Edge

Knife or Non-Retractable Utility Knife with Extra Blades

White Marker or Chalk

Chalk line

2x4 Wood Block

Cellophane, Masking or Packaging Tape Mallet

Adhesive:

Rubber flooring or Polyurethane based adhesive

Mineral Spirits and Rag

Rubber Gloves

Three section 100 lb Linoleum Roller

“V” Notched Trowel

1/8” x 1/8” x 1/8” or 1/16” x 1/16” x 1/16” flat V-notch;

Protect unopened containers from heat and direct sunshine. In cool weather, store containers in temperatures of 70-95F for at least 24 hours before using. Adhesives generally have a shelf life of one year when stored at this temperature range.

- Wear gloves during adhesive application, adhesive can be difficult to remove from skin and clothing. If adhesive gets in skin immediately wipe it off with a dry cloth
- Do not apply on frozen surfaces or standing water.
- Avoid contact with water or alcohol before use and before complete cure.
- Do not use in areas with high moisture levels or subject to hydrostatic pressure.



- Do not use on wet, contaminated or friable substrates.
- It is the user's responsibility to test adhesion characteristics with a site test prior to installation. .

PREPARATION

Before removing existing floor covering, adhesives etc., products should be identified to determine the presence of asbestos. Remove any surface contaminants including, adhesive residue, paint, varnish, oil, grease, and wax. On concrete use a solution of Trisodium Phosphate (or Xnylol for rubber based paint). For oil, grease or wax, scrub with Trisodium Phosphate or machine sand. IN all cases, complete with thorough washing and rinsing. Once completed, all sub-floors should be thoroughly cleaned and primed, and any substrate unevenness, holes etc filled using a cementitious patching leveling product. Before installing any material, be sure that the area that is being installed is clean and completely dry.

In wood floors, fill cracks with a cementitious leveling product, sand uneven boards, re-nail loose boards, or replace where necessary, and prime with floor size. If needed, floor may be covered with 5-ply 5/8" plywood or hardboard or plywood, and primed with floor size.

MOISTURE TESTING:

Industry standards for moisture emission testing must be followed using a calcium chloride or relative humidity test to determine moisture level on new or existing floors. Concrete subfloors must be tested and conform to industry standard subfloor moisture parameters showing less than 3.0 lbs/1000 sq. ft/24 hours using a Calcium Chloride Moisture test or 75 using a relative humidity test, according to ASTM F-1869.

CONCRETE

New concrete must be allowed to cure thoroughly prior to installation (45 to 60 days). If sealants are used, DO NOT use one with petroleum base. Old concrete must be repaired and have joint sealants and fillers installed as necessary. All cracks or flaws should be filled in or repaired prior to covering with rubber products. Use cementitious patching materials as appropriate. Surface must be thoroughly cleaned of dirt, dust, grease, or other foreign matter by shot blasting or other mechanical means before beginning installation. The use of surface chemicals to remove adhesives, grease etc could ultimately affect adhesion characteristics.

WOOD BASE

Wood surfaces should be completely cleaned of dirt, dust, grease or other foreign matter and be completely dry prior to installation. Trapped moisture may rot the



wood or interfere with installation adhesives. Nails or other protrusions should be pounded down or removed, holes repaired, and surface flatness repaired within 1/8" in 10 foot deviation. .

ASPHALT

Asphalt requires the same preparations as concrete. Some asphalt floors utilize asbestos as a filler, care should be used in removal of these products, never sand, scrape or pulverize these products in removal. Once removed by a professional, it is the user's responsibility to check the adhesion of the cured adhesive on typical test areas at the project BEFORE application.

OVER ROCK BASE

Begin preparing the surface 2-3" below the level of the finished floor. Fill prepared area with 3/4" minus crushed gravel, decomposed granite or limestone product. Tamp fill down to 2-3" thickness, so that it is near level with the area of installation, minus the thickness of the rubber surfacing. A border should be installed to further house the surfacing one installed. This can be a concrete curb, wood, or other permanent or semi-permanent board product.

CLEANING

Indoors: Sweep, sponge mop or vacuum rubber flooring for everyday maintenance.
Outdoors: Use of a water hose, leaf blower or broom is usually sufficient.

**Please do not use petroleum based products to clean rubber.

INSTALLATION

INDOORS

MP Global rubber flooring products should be installed by a trained professional flooring installer with experience installing rubber flooring. Assume that the walls, and/or curbs the rolls are abutting are not perfectly straight or square. Begin by determining the vertical center of the area to be installed. Snap the chalk line. Snap two additional chalk lines 24" out from either side of the original chalk line. This is the guideline for the edges on the first 48" roll. **Insure that the flooring is placed so that any roll curl is facing down. This will prevent the ends from curing up.**

Placing the roll end against the wall, unroll the first piece over the prepared area. Maneuver the rubber to lie precisely within the two chalk lines by tapping with a mallet and wood block. If the length of the rubber roll exceeds the length of the floor, use a straight edge and non-retractable utility knife to trim the excess length, **leaving an extra inch for the final cut.**

Repeat steps above for remaining rolls. See curing times on back page for traffic acceptability.



To insure a tight fitting seam when butting one roll up to another, overlap the seam by 1/8". Working from one end, work the overlapping roll down into the seam. If a gap appears, lift the roll and overlap the seam to before the gap and repeat the process. If rippling appears on the far side of the overlapping roll, remove this by stretching the material by pulling or a kicking motion. **Always insure a tight fitting seam prior to applying adhesive. Prior to curing the adhesive will not have sufficient grab to fix a misaligned seam. Never apply tape to the surface of the flooring as it may leave a residue on the surface when removed.**

After the entire room has been laid out and allowed to fully acclimate to the room and floor temperature, trim the roll lengths as required for a perfect fit. Beginning with a roll aligned along a front edge or wall, pull the roll back one half of the length. Apply adhesive. Lay the flooring back down being careful to not allow air pockets. Repeat the process for the other half of the first roll and moving on to the other adjacent rolls. When laying the other rolls be sure to overlap the seams by 1/8" and force the overlap into the seam. Be very careful to not allow the portion of the roll that is overlapping to touch the adhesive first. Thoroughly roll the flooring with a 50-100 lb carpet roller to assure bonding of the rubber to the adhesive. Be careful not to shift the roll while rolling. Rolling should be done again at 30 and at 60 minutes after the initial placement of the roll onto the adhesive. Rolling should be done both widthwise and lengthwise. This will ensure maximum contact and ultimate bond.

If Adhesives are Needed:

The Adhesive Should be applied thinly and evenly with the suggested notch type depending on product thickness Follow immediately with rolled rubber material. Gloves are strongly suggested during application, adhesive will adhere to the skin and once dried is difficult to remove. DO NOT allow mineral spirits to come in contact with the rubber rolls.

Adhesive Clean up Tips: Before you trowel adhesive, cover the unused portions of the trowel with duct tape. After you are finished, tear off the tape before the material cures. Clean all tools and excess adhesive immediately after use with mineral spirits. Use proper precautions when handling solvents. Cured adhesives can be removed by cutting with a mechanical tool. DO NOT allow mineral spirits to come in contact with rubber rolls.

INSTALLATION

OUTDOORS

Outdoor installations typically require complete adhesion for maximum floor strength. Use the same procedures as the indoor installation, using an outdoor recommended rubber or polyurethane adhesive. Take note of the outdoor temperature when using adhesive, as it will affect the curing time. In some areas, evening or night installations are best due to extreme heat.



Colored product installed outdoors will be subjected to harsh UV rays, and as such may discolor.

*The instructions provided are assuming use of a quality Polyurethane or rubber adhesive product. If another adhesive product is used, be cautious as to the manufacturer's instructions, curing times, and bonding window.

CUTTING TIPS

Tips on cutting sheet rubber: Mark the mats you will need to cut with chalk or a chalk line. Put your straight edge on the corresponding marks you have placed on the mats. Holding the straight edge firmly in place, score the mats two or three times**. Grab the mat close to the score line, lift and bend the mat toward you. The score line will "break open". Make several more passes with the knife, working down the established cut, until the cut is complete.

**This process may be easier by cutting the mat on a raised surface such as the 2x4 block used during.

*** The use of Butt seams or cross seams within rubber flooring installations should be minimized whenever possible

