



Installation Instructions for Rolled Rubber

UPON DELIVERY OF PRODUCT:

- Verify packing slip matches with product and order.
- Inspect product thoroughly.
- Report any discrepancies of original order, product defects, etc. No reimbursement or warranty claim will be given for labor on material installed with visual defects. Any defects (size, color, etc.) must be reported prior to installation.
- Store product and adhesives in clean, dry environment with temperature between 70° and 95°F.
- Read product and sub-floor preparation, instructions, warranty and other disclaimers carefully and completely before beginning installation.

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 for recommended cleaning agents.

RECOMMENDED TOOLS:

- Measuring Tape or Ruler
- Metal Straight Edge
- Non-Retractable Utility Knife with Extra Blades
- White Marker or Chalk
- Chalkline
- 2x4 Wood Block
- Cellophane, Masking or Packaging Tape
- Mallet

ADHESIVE OPTIONS:

- DSPS—quality double sided carpet tape
- Allied Products recommended Seam Sealant
- Commercial grade caulk gun, beveled edge scraper.
- Allied Products recommended adhesive
 - Mineral spirits and rag
 - Rubber gloves
 - 1,50-100# linoleum roller
 - “V” notched trowel
 - 1/8”x1/8”x1/8” or 1/16”x1/16”x1/16” flat v-notch. Coverage: Approx. 100 sq.ft. per gal.

INTRODUCTORY NOTE: This installation guide is intended to provide the necessary information for the proper installation of rolled rubber. These instructions are believed to be based on accepted industry standards and are provided for informational use only. Allied Products LLC 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. Rolled Rubber should be installed by qualified and experienced personnel.

PREPARATION:

Rolled Rubber products must reach room temperature to ensure a secure, tight installation with minimal size fluctuation. Each piece should be completely unrolled and allowed to set for a full 24 hours prior to beginning installation. This allows the product to relax from being rolled and to size-stabilize at the typical room temperature. Inspect the product prior to installation for measurable defects or variations.

Note: Thermoplastic rubber flooring's manufacturing process leaves one side shiny and the other side matte- for best results install thermoplastic rubber shiny side down.

Sub-Surface:

For best installation, any sub-surface should be reasonably flat, smooth and free of holes or variances of more than 1/8".

Sub-Floors needs to be thoroughly cleaned and free of all dust, dirt, or other foreign Material.

Sub Surface needs to be completely dry and free of any moisture.

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 a petroleum base

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 once installed. This can be a concrete curb, wood, or other permanent or semi-permanent board product. If a border is not an option, sealing/bonding the seams is recommended with the recommended adhesive using the instructions listed.

INSTALLATION:

Indoors:

1. Insure that the flooring is lying so that any roll curl is facing down. This will prevent the ends from curling up.
2. Placing the roll end against the wall, unroll the first piece over the prepared Area. 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 (see cutting tips).
3. Repeat steps above for the remaining rolls.
4. If using troweled adhesive rather than double side tape and seam sealer/caulking ensure a tight fitting seam by butting one roll up to another, then 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. Don't apply tape to the surface of the flooring to hold it into place as it may leave a residue on the surface when removed.
5. 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 or tape as described below. 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 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.

ADHESIVE:

Protect unopened containers from heat and direct sunshine. In cool weather, store containers in temperatures of 70° to 95°F for at least 24 hours before using. Adhesive has a shelf life of one year when stored at this temperature range. Apply Allied Products recommended adhesive in temperatures above 40°F.

- Wear gloves during application. Adhesive is difficult to remove from skin and clothing. If adhesive gets on 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 subject to hydrostatic head pressure.
- Do not use on wet, contaminated, or friable substrates.
- It is the user's responsibility to check the adhesion of the cured adhesive on typical test areas at the project BEFORE application.

OPTIONAL SEAM SEALING:

Allied Products approved seam sealant/caulking can be used to create the performance of a one-piece floor. You may want to use painters tape on either side of the seam so that the seam sealer/caulking doesn't get onto the surface of the rubber. **When seam sealer/caulking is applied, use a beveled edge scraper to PUSH & remove excess sealant over the seam, such that the excess ends up on the scraper. THIS IS A CRITICAL STEP, that will minimize smearing excess caulk onto the rolls.**

To ensure a strong bond, clean the edges of the mats by wiping with a damp clean cloth and a water/dish detergent solution. Allow the mats to completely dry prior to applying sealant. To bond the seams together, leave 1/8" gap between seams for adequate adhesive to penetrate adjacent pieces. To seal seams for waterproofing, sealant should be applied post-installation and applied thinly only to the inside of seams. The seam sealer/caulking application must be allowed to cure for 48 hours prior to use.

ADHESIVE CLEAN UP TIPS:

Before troweling with Adhesive, cover the unused portions of the trowel with duct tape. After troweling, tear off the duct 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 the rubber rolls.

- 6 Thoroughly roll the flooring with a 50 - 100 lb. carpet roller to assure bonding of the rubber to the adhesive or tape. 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 and before using any seam sealer/caulking. This will ensure a maximum contact and ultimate bond.

A. If adhesives are needed*:

The adhesives should be applied evenly with a 1/8"x1/8"x1/8" "V" trowel. Follow immediately with rolled rubber material. Gloves are strongly suggested during application, as the 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.

B. Using double-sided carpet tape:

Apply the double-sided quality carpet tape on the floor. Remove release tape and ease rubber back down into place. Do not allow to "flop" onto the tape, as it may create air pockets. Press to adhere. Continue this process for the remainder of the floor.

Outdoors:

Outdoor installations typically require complete adhesion for maximum floor strength. Use the same procedures as in the indoor installation.

Using Allied Products approved seam sealer/caulking will also add strength and immobility to the floor (if using seam sealant, leave 1/8" gap between rolls). Take note of the outdoor temperature when using adhesives, as it will affect the curing time. In some areas, evening or night installations are best due to extreme heat. Colored products installed outdoors will be subjected to harsh UV rays, and as such may discolor.

Cutting Tips

When using a utility knife, be sure to keep the blades sharp to aid in the cut, and help reduce the possibility of injury due to dull blades.

- Mark the mats that need to be cut with chalk or chalk line.
- Place straight edge on corresponding marks 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 towards you. Then score line with "break open."
- Make several more passes with the knife, working down the established cut, until the cut is complete.

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

Curing Times

Indoors:

CX-941 Adhesive Standard Set:

- Firm Set: 1-2 hours
- Light Traffic: 8-19
- Normal Traffic: 24 hours

Double-Sided Carpet Tape:

- Foot Traffic: Immediate

Outdoors:

- Normal Traffic 24 hours

Figure 1

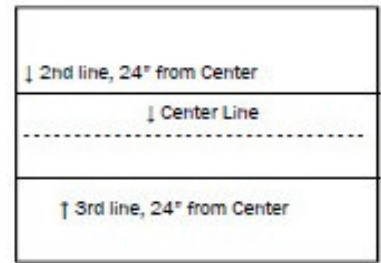


Figure 2

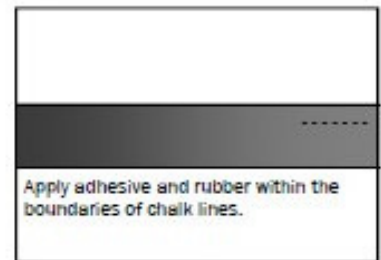


Figure 3

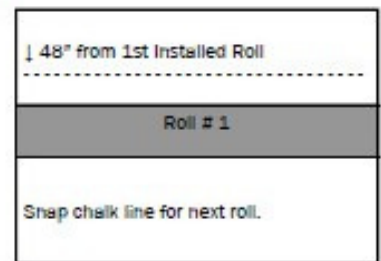


Figure 4

