

# 500-L Sheet Rubber

## INSTALLING MUSSON SHEET RUBBER FLOORING

### NOTICE: BEFORE YOU BEGIN

THESE ARE GENERAL INSTALLATION INSTRUCTIONS ONLY. THE INFORMATION ON THESE PAGES IS TO ASSIST YOU IN SELECTING THE APPROPRIATE ADHESIVE FOR YOUR PROJECT. SPECIAL CONDITIONS MAY RESULT IN DIFFERENT RECOMMENDATIONS.

PLEASE CONTACT US FOR INFORMATION REGARDING UNUSUAL CONDITIONS SUCH AS SUBSTRATES OF METAL, TERRAZZO OR WOOD TREATED WITH FIRE RETARDANT CHEMICALS, UNUSUAL TEMPERATURE OR MOISTURE EXPOSURES OR OTHER VARIABLES WHICH MAY AFFECT PERFORMANCE. COMPLETE INSTRUCTIONS ARE LOCATED ON ADHESIVE CONTAINER LABELS.

ALL PRODUCTS MUST BE ADHERED USING THE R.C. MUSSON RUBBER COMPANY'S RECOMMENDED ADHESIVE AND FULL SPREAD APPLICATION AND ARE INTENDED FOR INTERIOR INSTALLATION ONLY.

### PREPARING THE SUBSTRATE

**New concrete sub-floors** – Prepare concrete in accordance with ASTM F710. Concrete should be troweled to a smooth even surface and be aged for at least 90 days. Expansion joints should be properly filled. Neutralize the surface of the concrete. Use either 1 part Muriatic Acid and 9 parts water or 1 part vinegar and 5 parts water to make a good neutralizing agent. Solution should remain on floor for at least one hour then flush thoroughly and allow concrete to dry thoroughly (minimum 48 hours at 70°F.). Concrete should be sound, hard and free from scale or other imperfections and **thoroughly** dry when installation is made. It is recommended that all concrete floors undergo a 72-hour moisture test. Moisture transmission **should not exceed three (3) pounds per thousand square feet per twenty four hours.**

**CAUTION** - *cinder fill, vermiculite, pumice and other aggregates which are hygroscopic in nature cause the concrete to be very slow drying. This type of concrete will easily absorb excessive moisture from atmosphere and other sources. Any concrete curing compound must be completely removed.*

**Wood Sub-Floors:** An exterior grade plywood is recommended with one side sanded. Luan Plywood, Particle Board, Chip Board or Hard Board should not be used as underlayment. Be sure wood sub-floor is thoroughly nailed or otherwise securely fastened to the substrate. If the wood sub-floor is uneven, it should be thoroughly sanded. The dust from the sanding operation should be removed by vacuuming.

**NOTE:** AS WITH ANY ADHESIVE, CARE MUST BE TAKEN TO ASSURE PROPER VENTILATION ON THE JOB SITE. SEE LABEL DIRECTIONS ON CAN.

### **LIMITATIONS:**

We do not recommend that our Sheet Rubber or Rubber Tile Flooring be installed in the following: below grade installations, exterior installations, in areas where excessive moisture exists, commercial kitchens, or over existing floor coverings, adhesives, or painted surfaces.

If a non-conductive flooring material can be used in hospital operating suites, #775 Epoxy Adhesive must be used with the installation of The R.C. Musson Rubber Company's Sheet Rubber and Rubber Tile Flooring because of the unusual maintenance conditions that prevail.

For on-grade installations where there is a possibility of moisture being present, it is recommended that #775 Epoxy Adhesive be used. Where excessive moisture exists, we do not recommend the installation of our sheet Rubber or Rubber Tile Flooring.

When rubber Flooring is to be installed over a plywood sub-floor treated with fire retardants, contact us for recommendations.

## INSTALLATION

1. 1/8" and 3/32" Sheet Rubber must be installed by overlapping and double cutting materials (undercutting is not an acceptable installation method).
  1. You have been given an untrimmed edge on the sheet rubber. This will allow the material to be overlapped and double cut and still give you 39" of useable material.
2. Dry lay material letting factory edges overlap at least one (1) inch.
3. Use a straight edge as you cut through both pieces of material with a utility knife.
  1. When cutting, be sure to hold knife straight up and down (vertical) so you get a clean, straight cut on both pieces of material. This will give you the best seam.
  2. After material has been dry cut, pull both rolls back \_ their length end to end.
  3. This \_ of the material will rest on the dry cut area you are not working with.
  4. This will give you an area that has been cut where you can spread adhesive.
4. Spread proper adhesive with proper trowel.
5. Allow adhesive to tack up. Do not allow it to skin over. Test adhesive with your finger to see if it is ready for the material.
6. Carefully roll material back into the adhesive matching the seams up to where they were dry cut.
7. Do not force the seams together too tightly. This can cause seams to peak.
8. Pull a small amount of material back up to see that you have adhesive transfer.
  1. You should get a spider web of adhesive between the sub-floor and the sheet rubber.
9. Roll material in both directions with a 100-150 # roller.
10. Fold back the second \_ of your two (2) rolls to spread adhesive
  1. Do not overlap adhesive. When dry, this will telegraph through the material.
11. For subsequent rolls/rows, follow the above directions starting with #4.
12. When complete, roll the entire area again with a 100-150# roller
13. See adhesive instructions for how long traffic must be kept off the floor.

**Note:** *If #775 Epoxy Flooring Adhesive is used, you may need to weight the seams until a bond has been established.*

**Note:** *If you choose to cut material in wet adhesive, remember to re-apply adhesive to any areas where it may have been stolen when the factory cut edges were removed.*