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INSTALLATION INSTRUCTIONS
MOOSE RUBBERROLL
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NOTE: THIS GUIDE PROVIDES A FUNDAMENTAL REFERENCE FOR THE INSTALLATION OF THE MOOSE RUBBERROLL SYSTEM. THESE INSTRUCTIONS ARE FOR INFORMATIONAL PURPOSES ONLY. WHILE MOOSE SPORTS SURFACES, LTD. BELIEVES THAT FOLLOWING THESE INSTRUCTIONS WILL RESULT IN THE BEST INSTALLATION, IT MAKES NO WARRANTY OR REPRESENTATION OF ANY NATURE, TYPE, OR DESCRIPTION EXPRESSED, IMPLIED, OR PROVIDED BY LAW RESPECTING THE INSTALLATION PROCESS OR THE RESULTS ACHIEVED. ALTHOUGH VALUABLE INFORMATION IS PROVIDED IN THIS GUIDE, IT IS NOT INTENDED AS A SUBSTITUTE FOR ON SITE TRAINING BY QUALIFIED AND EXPERIENCED PERSONNEL.

1. FLOOR PREPARATION

Concrete to cure a minimum of 90 days. The concrete slab should be tested for moisture content and pH levels prior to installation. The moisture content of the concrete slab should not be greater than 5.5 lbs. of moisture per 1000 Square Feet per 24-hour period in accordance with the RFMA (Rubber Flooring Manufacturer's Association) Calcium Chloride Test. The maximum pH level allowed is 9. The temperature in the building should be a minimum uniform 65°F, max humidity at 70% - preferable at 50%, HVAC installed and running. Call Moose Sports Surfacing Inc. before installing over a non-concrete substrate/subfloor. Also, an adhesive bond test may be required prior to installation.

Prior to delivery and starting installation, inspect jobsite to see if area to receive synthetic flooring is ready and concrete is level within 3/16" in 10' and dry. Necessary measures, such as scraping, sanding and grinding must be performed to remove all dirt, paint, drywall compound or anything that will prevent the adhesive from bonding the MOOSE RUBBERROLL to the substrate.

All saw cuts (control joints), cracks, indentations, and other non-moving joints in the concrete must be filled with an approved Portland-based patching compound. Always allow patching materials to dry thoroughly and install according to the manufacturer's instructions. Excessive moisture in patching material may cause bonding problems or a bubbling reaction with the adhesive.

Disc sand entire floor to remove all foreign materials from the concrete subfloor and rough up the surface for proper adhesion. Use 36 grit sandpaper discs. Use these discs on a buffer with a sanding head (the type that has a hub for attaching the sandpaper).

After the floor is disc sanded, remove all dust and debris by first sweeping and then tacking the floor with methanol or water. Vacuum as necessary to remove all dust. This floor prep should be performed prior to unrolling the MOOSE RUBBERROLL as this will keep the MOOSE RUBBERROLL clean.

Expansion joints in the concrete are designed to allow for expansion and contraction of the concrete. If a floor covering is installed over an expansion joint, it will likely fail in that area. Use expansion joint covers designed for resilient flooring.

NOTE: Expansion joint covers can be obtained from:
Balco, Inc.
2626 South Sheridan
P.O. Box 17249

Wichita, KS 67217
(316) 945-9328

2. INSTALLATION PREPARATION

INVENTORY AND SEPARATE MATERIALS -Check incoming product against the packing slips to ensure proper quantities are delivered. **NOTIFY MOOSE SPORTS OF ANY DAMAGED OR SHORT SHIPPED QUANTITIES AS SOON AS POSSIBLE.** This will allow us to get the correct quantities to you in a timely fashion. Check quantities shipped with the floor area square feet to ensure adequate product was shipped. The material and adhesive must be acclimated at room temperature for a minimum of 48 hours before starting installation.

“IMPORTANT NOTE” Inspect All Materials

No material or labor claims will be honored on material installed with visual defects. Ensure style, color, and amount is correct before cutting or gluing.

3. LAYOUT THE MATERIAL

Roll material is stretched slightly during the manufacturing process. At the job site, the installer should unroll all cuts and allow to relax overnight. A bare minimum of two hours is required. Shaking the material once it is unrolled can help it to relax.

“IMPORTANT NOTE” Unrolling Materials

All EVERLAST rolls must be unrolled and installed in the same direction. Each roll is marked on the side of the core with red or orange paint to aid in this process. Use the colored edge of the core as a guide. Laying rolls in the opposite direction will cause color variations between the rolls.

Make the assumption that the walls you are butting against are not straight or square. Using a chalk line, make a starting point for an edge of the flooring to follow. Remove the MOOSE RUBBERROLL from the shrink-wrap and unroll it onto the floor. Lay the MOOSE RUBBERROLL on the floor in a way that will use your cuts efficiently. Cut all rolls at the required length, including enough to run up the wall. Allow the cuts to relax in position for a minimum of two hours. 24 hours is preferred. Place the edge of the first roll along the chalk line.

Snap a chalk line where the seam will be located. Straight edge seam edge of first piece. Align the first edge to the chalk line; it is very important that the seam is perfectly straight. Straight edge seam edge of second lineal drop if the first roll does not extend the length or width of the room. If end seams are necessary, they should be staggered on the floor and overlapped approximately 3-6". Position the second roll with no more than a 1/8" overlap over the first roll at the seam. After adhesive is applied to substrate the material will be worked back to eliminate the overlap. This procedure will leave tight seams and eliminate any gaps. Care should be taken to not over compress the seam. Over compressed seams will cause peaking. Repeat for each consecutive roll necessary to complete the area or those rolls that will be installed that day.

4. METHOD 1 – GLUE DOWN

After performing the above procedures, begin the application of the adhesive. We recommend a one-component moisture-cured polyurethane adhesive. This adhesive should not be mixed, it is specially formulated for use right out of the pail. Apply the one component adhesive to the substrate using a 1/16" square- notched trowel. Fold over the first drop along the wall (half the width of the roll).

Spread the adhesive using the proper size square-notched trowel. Take care not to spread more adhesive than can be covered with flooring within 30 minutes. The open time of the adhesive is 30–40 minutes at 70°F and 50% relative humidity.

“IMPORTANT NOTE” Temperature And Humidity Affect The Open Time Of The Adhesive.

Temperatures above 70°F and/or relative humidity above 50% will cause the adhesive to set up more quickly. Temperatures below 70°F and/or relative humidity below 50% will cause the adhesive to set up more slowly. The installer should monitor the on-site conditions and adjust the open time accordingly.

Lay the flooring into the wet adhesive. Do not allow the material to “flop” into place; this may cause air entrapment and bubbles beneath the flooring. Immediately roll the floor with a 75–100 lb. roller to ensure proper adhesive transfer.

Overlap each pass of the roller by 50% of the previous pass to ensure the floor is properly rolled. Roll the width first and then the length. Fold over the second half of the first roll and half of the second roll. Spread the adhesive. Spread the adhesive at right angles to the seam to prevent the adhesive from oozing up through the seam. Roll the flooring. Continue the process for each consecutive drop. Work at a pace so that you are always folding material back into wet adhesive.

“IMPORTANT NOTE” Never Leave Adhesive Ridges Or Puddles

They will telegraph through the material.

“IMPORTANT NOTE” We Strongly Recommend Wearing Gloves During The Installation

Do not allow E-Grip III to cure on your hands or the flooring. Immediately wipe off excess adhesive with a rag dampened with mineral spirits! Cured adhesive is very difficult to remove from hands.

If some seams are gapping, temporarily hold them together with masking tape. Do not use duct tape as it will leave a residue on the floor. Remove the tape after the adhesive develops a firm set. In some instances, it may be necessary to weigh down the seam until the adhesive develops a firm set. Boxes of cove base or tile work well. Keep traffic off the floor for a minimum of 24 hours. Floor should be free from rolling loads for a minimum of 48-72 hours. Foot traffic and rolling loads can cause permanent indentations or disbonding in the uncured adhesive.

5. METHOD 2 – TAPE DOWN

“IMPORTANT NOTE” Tape Method Is NOT An Approved Procedure For Ice Rink Applications

Please contact Moose Sports Surfaces Ltd. for guidelines on ice rinks or outdoor applications.

Dry lay the rolls onto the subfloor. Draw a pencil line beneath all seams to be taped. Use a high-quality double-faced carpet tape with a minimum width of two inches. Fold over the first drop along the chalk line (half the width of the roll). Apply two strips of the double-faced tape along the seam, one on each side of the pencil mark. Remove the release paper and place the flooring onto the exposed tape. When butting one roll next to another, overlap the seams by no more than 1/8". Work the material back to eliminate the overlap. This procedure will leave tight seams over the tape and eliminate any gaps.

“IMPORTANT NOTE” Over Compressing The Seam Will Result In Bond Failure

Hand-roll the seams to ensure adequate contact. Do not roll the entire floor.

6. DISPOSAL

Dispose all debris and unused material in accordance with all Federal, State and Local statutes.