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INSTALLATION INSTRUCTIONS
MOOSE RUBBERTILE
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NOTE: THIS GUIDE PROVIDES A FUNDAMENTAL REFERENCE FOR THE INSTALLATION OF THE MOOSE RUBBERTILE 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 RUBBERTILE 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 RUBBERTILE as this will keep the MOOSE RUBBERTILE 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, shade variation, and amount is correct before cutting or gluing.

3. LAYOUT THE MATERIAL – ASHLAR STYLE

“IMPORTANT NOTE” Total Glue Down Is The Only Recommended Method For Permanent Installations

MOOSE RUBBERTILE must be installed in the same direction. (Directional markings stamped on the bottom of the tiles must point in the same direction.) Measure the width of the area to be covered. Mark the center of the area at two points, one at each end. Snap a chalk line, line #1, through these two points. Determine the center point of the chalk line. Using a Carpenter’s square or another method, snap a second chalk line, line #2, perpendicular (at 90°) to the first line. The lines should intersect at their centers. The area to be covered is now divided into quarters. Begin the installation at the center of the area, where the two lines intersect.

To lay in an ashlar configuration, snap a third chalk line parallel to line #2 and perpendicular to line #1. The distance between line #2 and line #3 should be half the width of the tile (18 inches).

“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.

After the above procedure is performed, begin application of the MOOSE RUBBERTILE recommended one-component moisture-cured polyurethane adhesive. Apply the one-component adhesive to the substrate using a 1/16” 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. Place the first tile into the wet adhesive making sure that the edges are precisely placed along the chalk lines and where they intersect. Press firmly on the tiles to remove any curls or entrapped air.

“IMPORTANT NOTE” Arrows On The Bottom Of The Tiles MUST Point In The Same Direction

Lay whole tiles from left to right along chalk line #1 up to the wall on the opposite side of chalk line #2. The last tile will likely have to be cut to fit against the wall.

“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.

Continue this process with each row until you reach the wall across from chalk line #1. Go back and fill in gaps between the two original chalk lines and the wall on those two sides. If some seams are gapping, hold them together temporarily

with painter's or masking tape. Do not use duct tape as it will leave a residue on the floor. Remove the tape after the adhesive has developed a firm set. It may be necessary to weigh down some seams. Roll a 75-100 lb. roller over the floor within 45 minutes to ensure a proper transfer of adhesive. Overlap each pass of the roller by 50% of the previous pass to ensure that the floor is properly rolled. Keep traffic off the floor for a minimum of 24 hours. Floor should be kept 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 and cause tiles to shift.

4. LAYOUT THE MATERIAL – ACCENT TILE INLAY

“IMPORTANT NOTE” Total Glue Down Is The Only Recommended Method For Permanent Installations

Cut inlays into field area before spreading adhesive. Logos and inlays are NOT approved for double stick tape installations. Position the inlay on the field area at the desired location for trace cutting. Starting at one corner and using a straight edge, trace-cut along one edge of the inlay.

Starting at the same corner, trace-cut along an adjacent edge of the inlay. Remove the inlay. Make a third cut and remove the triangular- shaped piece.

Position the inlay into the triangular-shaped hole. Be sure that the corner and edges are butted tightly against the field piece. Tape the edges in place with masking tape.

Using the straight edge and the square, continue trace-cutting the remainder of the field for the inlay. Remove and discard the scrap pieces. Place the inlay into the field and tape the remaining edges with masking tape. Fold over the material and apply adhesive to the subfloor as for a regular installation. Continue the installation, following the directions for the glued down method.

6. DISPOSAL

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