BUILDING TRUST

PRODUCT DATA SHEET

DriTac® 8409 PowerTread®

Rubber Roll Flooring for Glue Down and Floating Installations

PRODUCT DESCRIPTION

DriTac 8409 PowerTread Roll is a premium-grade 9mm rubber flooring for glue down and floating installations. Engineered for high impact sports flooring, PowerTread Roll is made from 100% post-consumer waste, affording the green community the best choice for sustainable sports flooring projects.

USES

- Hardwood
- Carpet
- Carpet Tile
- Ceramic Tile
- Stone
- Laminate

CHARACTERISTICS / ADVANTAGES

- 4’ x 25’ = 100 sq. ft./roll
- Composed of up to 100% Post-Consumer Waste
- High Durability and Toughness
- High Impact Shock Absorbant
- Sound Absorbant
- Slip Resistant
- Maximum Comfort Underfoot
- Helps Contribute to LEED Credits

PRODUCT INFORMATION

Packaging	Available in 4’ x 25’ rolls Rolls/Pallet = 9 Pallets/Truckload = 20 Rolls/Truckload = 180 SF/Truckload = 18,000
Color	Available In-Stock Colors: • Red • Blue • Black • Blue/Gray • Gray • Tan
Shelf Life	N/A
Storage Conditions	See Material Storage and Handling instructions below.

Density	Method: ASTM D3676 Performance: 60 pcf
Thickness	9mm
Weight	1.64 lbs/sq. ft. - 164 lbs/Roll
Testing	Method: ASTM D2240 Performance: 60 +/- 5
Tensile Strength	Method: ASTM D412 Performance: > 220 PSI
Elongation	Method: ASTM D412 Performance: > 145%
Tear Strength	Method: ASTM D624 Performance: 80 pli min

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

USES

Glue down installations of EnviroTread underlayment are warrantied for up to 3 lbs., per the ASTM F1869 Calcium Chloride Method Test and 75% Relative Humidity, per the ASTM F2170. If MVER exceeds 3 lbs./75%, use Sika® MB, Sika® MB Redline, or Sika® MB EZ Rapid.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

JOB SITE CONDITIONS
A. Installation should not begin until after all other trades are finished in the area. If the job requires other trades to work in the area after the installation of the floor, the floor should be protected with an appropriate cover. Kraft paper or plastic work well.
B. Areas to receive flooring should be weather tight and maintained at a minimum uniform temperature of 65°F (18°C) for 48 hours before, during and after the installation.

SUBFLOORS
DriTac PowerTread 8409 may be installed over concrete, approved Portland-based patching and leveling materials.
NOTE: Gypsum-based patching and leveling compounds are not acceptable.
A. Wood Subfloors – wood subfloors should be double construction with a minimum thickness of one inch. The floor must be rigid, free from movement with a minimum of 18 inches of well-ventilated air space below.
B. Underlayments – The preferred underlayment panel is American Ply wood Association (APA) underlayment grade plywood, minimum thickness of 1/4”, with a fully sanded face.
NOTE: Particleboard, chipboard, Masonite and lauan are not considered to be suitable underlayments.
C. Concrete Floors – Concrete shall have a minimum compressive strength of 3000 psi. New concrete slabs should cure for a minimum of 28 days and meet the relative humidity requirements per ASTM F2710 or the calcium chloride moisture emission test conducted in accordance to ASTM F1869 before installing PowerTread 8409. It must be fully cured and permanently dried.
NOTE: Read further for dryness requirements.

SUBFLOOR REQUIREMENTS AND PREPARATION
A. Subfloors shall be dry, clean, smooth, level and structurally sound. They should be free of dust, solvent, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive residue and other extraneous materials, according to ASTM F710.
B. Subfloors should be smooth to prevent irregularities, roughness or other defects from telegraphing through the new flooring. The surface should be flat to the equivalent of 1/8” (3.0 mm) in 10’ (3.0 m).
C. Mechanically remove all traces of old adhesives, paint or other debris by scraping, sanding or scarifying the substrate.
Do not use solvents. All high spots shall be ground level and low spots filled with an approved Portland-based patching compound.
D. 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.
E. 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.
F. 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 flooring adhesive.
G. Maximum moisture vapor emission of the concrete must not exceed 5-1⁄2 lbs./1,000 sq. ft. in a 24-hour period, as measured by the calcium chloride moisture emission test conducted in accordance to ASTM F1869. Alternatively, if the RH method is used, the maximum RH should not exceed 85% RH tested in accordance with ASTM 2710. If the emissions exceed limitations, the installation should not proceed until the problem has been corrected.
H. It is essential that pH tests be taken on all concrete floors. If the pH is greater than 9, it must be neutralized prior to beginning the installation.
NOTE: This product is suitable for installation over a radiant heat source.

MATERIAL STORAGE AND HANDLING
A. Material should be delivered to the job site in its original, unopened packaging with all labels intact.
B. Roll material should always be stored laying down. Storing rubber on end will curl the edges resulting in permanent memory of the material. All edges with memory curl must be straight edge cut before installation. Do not store rolls higher than 4 rolls or more than six months. Material should only be stored on a clean, dry, smooth surface.
C. Inspect all materials for visual defects before beginning the installation. No labor claim will be honored on material installed with visual defects. Verify the material delivered is the correct style, color and amount. Any discrepancies must be reported immediately before beginning installation.
D. The material and adhesive must be acclimated at room temperature for a minimum of 24 hours before starting installation.
E. All PowerTread 8409 rolls must be unrolled and installed in the same direction. Laying rolls in the opposite direction will cause color variations between the rolls.
F. Roll material is stretched slightly during the manufacturing process. At the job site, the installer should allow all cuts to relax for a minimum of two hours before installing. Shaking the material once it is unrolled can help it to relax.

HAZARDS
SILICA WARNING
Concrete, floor patching compounds, toppings and leveling compounds can contain free crystalline silica. Cutting, sawing, grinding or drilling can produce respirable crystalline silica (particles 1-10 micrometers). Classified by OSHA as an IA carcinogen, respirable silica is known to cause silicosis and other respiratory diseases. Avoid actions that may cause dust to become airborne. Use local or general ventilation or provide protective equipment to reduce exposure to below the applicable exposure limits.

ASBESTOS WARNING
Resilient flooring, backing, lining felt, paint or asphaltic "cutback" adhesives can contain asbestos fibers. Avoid actions that cause dust to become airborne. Do not sand, dry sweep, dry scrape, drill, saw, beadblast or mechanically chip or pulverize. Regulations may require that the material be tested to determine the asbestos content. Consult the document "Recommended Work Practices for Removal of Existing Resilient Floor Coverings" available from the Resilient Floor Covering Institute.

LEAD WARNING
Certain paints can contain lead. Exposure to excessive amounts of lead dust presents a health hazard. Refer to applicable federal, state and local laws and the publication "Lead Based Paint: Guidelines for Hazard Identification and Abatement in Public and Indian Housing" available from the United States Department of Housing and Urban Development.

INSTALLATION - ROLL MATERIAL
A. 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.
B. Remove the PowerTread 8409 from the shrink-wrap and roll it onto the floor. Lay the PowerTread 8409 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.
C. Allow the cuts to relax in position for a minimum of two hours. 24 hours is preferred.
D. Place the edge of the first roll along the chalk line.
E. Position the second roll with no more than a 1/16" overlap over the first roll at the seam. Work the material back to eliminate the overlap. This procedure will leave tight seams and eliminate any gaps.
F. Repeat for each consecutive roll necessary to complete the area or those rolls that will be installed that day.
Please contact (201) 933-8800 for specific instructions for these applications.
G. METHOD 1 – GLUE DOWN (8mm Roll)
1. After performing the above procedures, begin the application of the adhesive. Contact Sika-DriTac (201) 933-8800 for a list of approved moisture-reactive adhesives. Apply adhesive to the substrate using a properly notched and approved trowel.
2. Fold over the first drop along the wall (half the width of the roll).

3. Spread the adhesive using the proper size 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.
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.
4. 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.
5. Immediately roll the floor with a 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.
6. Fold over the second half of the first roll and half of the second roll. Spread the adhesive at right angles to the seam to prevent the adhesive from oozing up through the seam.
Roll the flooring.
7. Continue the process for each consecutive drop. Work at a pace so that you are always folding material back into wet adhesive.
NOTE: Never leave adhesive ridges or puddles. They will telegraph through the material.
8. Do not allow urethane adhesive to cure on your hands or the flooring. Immediately wipe off excess urethane adhesive with a rag dampened with mineral spirits! Cured urethane adhesive is very difficult to remove from hands. We strongly suggest wearing gloves while using any moisture-cured urethane adhesive.
9. If some seams are gapping, temporarily hold them together with masking tape. Do not use duct tape as it may leave a Residue on the floor. Remove the tape after the adhesive develops a firm set.
10. Keep traffic off the floor for a minimum of 24 hours. Foot traffic and rolling loads can cause permanent indentations in the uncured adhesive.
H. METHOD 2 – TAPE DOWN (8mm Roll)
1. Dry lay the rolls onto the subfloor.
2. Draw a pencil line beneath all seams to be taped.
3. Use a high-quality double-faced carpet tape with a minimum width of two inches.
4. Fold over the first drop along the chalk line (half the width of the roll).
5. Apply two strips of the double-faced tape along the seam, one on each side of the pencil mark.
6. Remove the release paper and place the flooring onto the exposed tape.
7. When butting one roll next to another, overlap the seams by no more than 1/16”. Work the material back to eliminate the overlap. This procedure will leave tight seams over the tape and eliminate any gaps.
8. Hand-roll the seams to ensure adequate contact. Do not roll the entire floor.

NOTE: Tape method is not an approved procedure for ice rink applications. Please contact (201) 933-8800 for guidelines on ice rinks or outdoor applications.
I. CLEANING PROCEDURES
1. Initial Cleaning
1.) Remove all loose debris by vacuuming, sweeping or by using a dust mop.
2.) Scrub floor by using a buffer or auto scrubber fitted with a soft nylon brush or purple scrub pad. The floor can also be scrubbed using a traditional string mop or newer style microfiber mop head. Use a detergent with neutral pH (7-9) for cleaning and maintenance on the floor. Dilute the solution 10 oz. per gallon of water. Do not flood the floor with water.
3.) Use a wet vacuum to pick up the cleaning solution from the floor and rise with clean water. Again, do not flood the floor. The rinse water should then be wet vacuumed from the floor.
4.) Allow the floor to dry before foot traffic.
2. Regular Maintenance
1.) Keep surface free from loose debris by sweeping, using a dust mop or by vacuuming the surface daily or as needed.
2.) Damp mop surface by using a traditional mop, microfiber mop or by using an auto scrubber fitted with a purple scrub pad. Use a detergent with neutral pH (7-9) and dilute 6-10 oz/gallon water.
3.) Use a wet vacuum to pick up the cleaning solution from the floor and rise with clean water. Again, do not flood the floor. The rinse water should then be wet vacuumed from the floor.
4.) Allow the floor to dry before foot traffic.
3. Restorative Maintenance
1.) Remove all loose debris by vacuuming, sweeping or by using a dust mop.
2.) Scrub the floor by using an auto scrubber or buffer fitted with a purple or black stripping pad and using a detergent with neutral pH (7-9) or stripping solution. Dilute to 10 oz per gallon of water. Keep the surface of the rubber wet to avoid damage from the scrub pads. Do not flood the floor.
3.) Use a wet vacuum to pick up the cleaning solution from the floor and rise with clean water. Again, do not flood the floor. The rinse water should then be wet vacuumed from the floor.
4.) Allow the floor to dry before foot traffic.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**
- **FOR PROFESSIONAL USE ONLY**

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at

usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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