

## PRODUCT DATA SHEET

# DriTac® 8405 Sheet

Rubber Underlayment for Glue Down and Floating Hardwood, Carpet & Carpet Tile, Ceramic Tile & Stone, and Laminate Flooring

### PRODUCT DESCRIPTION

DriTac 8405 Sheet is a high performance 5mm rubber underlayment and acoustical barrier for successful installations of hardwood, carpet & carpet tile, ceramic tile & stone, and laminate flooring. DriTac 8405 Sheet is made from 100% post-consumer waste, affording the best sound abatement choice for sustainable projects.

### USES

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

### CHARACTERISTICS / ADVANTAGES

- Sheets: 30" x 48"
- Anti-Crush Mechanical Properties
- Improved Foot Fall Sound Performance
- Diminishes Minor Floor Irregularities
- For Residential and Commercial Applications

### SYSTEM INFORMATION

<b>Volatile organic compound (VOC) content</b>	Result: Compliant Standard: CDPH/EHLB V1.1 Note: CA Specification 01350
<b>Recycled content</b>	Result: 94% Standard: ISO 14021
<b>Thickness</b>	5 mm

## TECHNICAL INFORMATION

Testing	40 – 55
Compressive Strength	Result: $c \leq 0.5$ mm Standard: DIN EN 12431
Tensile Strength	Result: $\geq 0.4$ N/mm <sup>2</sup> Standard: DIN EN ISO 1798
Thermal Resistance	0 – 140 ° F
Thermal Conductivity	Result: $\lambda = 0.06$ W/(mK) Standard: DIN EN 12667
Sound Insulation	STC up to 63 IIC up to 71
Thermal resistance	Result: $R = 0.083$ (m <sup>2</sup> K)/W Standard: DIN EN 12667
Elongation at break	Result: $\geq 40\%$ Standard: DIN EN ISO 1798

## 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.

## 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

### SUBSTRATE PREPARATION

Underlayment and the flooring material must acclimatize, in their sealed packaging, in the room where they are installed for at least 48 hours, at temperature of at least 65°F. Before starting installation make sure the subfloor is permanently dry and free of dirt, dust, grease and other foreign matter. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Subfloor moisture must not exceed the flooring manufacturers recommendation or 5 pounds per 1,000 square feet over 24 hours and RH of 85%.

### Wood Floor Construction

Subfloor should be properly leveled, structurally sound and clean. Plywood sub flooring should be of a good grade. Variations in floor level over 1/8" within 3 feet span should be leveled before installing underlayment. Any nails or other protrusions should be pounded flat or removed. Subfloor should not exceed a deflection of L/360.

### Concrete Slab

Inspect concrete subfloor for any open cracks and fill with a high grade patch. Remove any excess concrete lumps or residue that may interfere with the installation of the underlayment. The concrete slab should be permanently dry. A good quality concrete waterproof sealer may be required if moisture in slab is too high.

## APPLICATION

### GLUE DOWN HARDWOOD INSTALLATION

DriTac 8405 Sheet needs to be adhered to the subfloor. Check for 100% transfer of the adhesive and switch to a larger trowel size if needed. Install the underlayment perpendicular to the hardwood floor. Start in a corner and roll out the sonus core flush to the walls. Roll up the underlayment halfway and apply adhesive on the exposed area. Roll back over the adhesive and flat trowel any air pockets. Continue with the other side the same way. Continue rolling out and gluing down the underlayment until the entire area is covered. Make sure all of the edges are tightly butted together, both side by side and end by end. Use a 50 to 100 lb roller to fully bond DriTac 8405 Sheet to the subfloor. After 8 hours or when the adhesive has cured, install the hardwood flooring using an approved adhesive. Always follow the manufacturers written instructions. Install the baseboard slightly off the floor to avoid any flanking noise paths.

### FLOATED HARDWOOD INSTALLATION

Install the underlayment perpendicular to the hardwood floor. Start in a corner and roll out the underlayment flush to the walls. Continue the next row in the same manner until the whole room is covered. You may tape the seems, but it is not necessary. Install the floated hardwood according to the manufacturers written instructions. Install the baseboard slightly off the floor to avoid any flanking noise paths.

## 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](http://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.

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#### Product Data Sheet

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