



## PRODUCT DATA SHEET

# DriTac® 7300 SureBond

### Urethane Wood Flooring Adhesive

#### PRODUCT DESCRIPTION

DriTac 7300 SureBond is a contractor grade, urethane wood flooring adhesive that is very easy to spread, allowing for increased productivity.

#### USES

- Parquet
- Bamboo
- Plywood
- Exotic Woods
- Multi-Ply Engineered Plank
- Solid Wood Planks
- Acrylic Impregnated Wood
- Recycled Rubber Flooring
- Cork/Rubber/Foam UnderlaymentEASY

#### CHARACTERISTICS / ADVANTAGES

- Easy to Spread
- MVER up to 5 lbs./80% RH
- Freeze-Thaw Stable
- Non-Slumping
- Low Odor
- Remains Elastomeric
- Easy to Clean When Wet
- Helps Contribute to LEED Credits

#### PRODUCT INFORMATION

<b>Packaging</b>	4 gal. (15.14 L)
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<b>Shelf Life</b>	12 months when stored at 75° F and 50% relative humidity.
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<b>Storage Conditions</b>	Store in undamaged original sealed containers, in dry conditions and protected from direct sunlight at temperatures between 50 °F and 77 °F (10–25 °C)
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# APPLICATION INFORMATION

## Coverage

Flooring Type	Trowel	Coverage
Multi-ply Engineered Plank 3/8" up to 1/2"	3/16" x 1/4" x 5/16" V Notch (TR 2) 	60 sq.ft per gal.
Multi-Ply Engineered Plank 3/8" up to 1/2" (when additional adhesive is required) and 5/16" to 3/8" Solid Strip	3/16" x 5/32" V Notch 	50 sq.ft per gal.
5/16" Solid Parquet, 1/4" Engineered Plank, Approved Cork/Rubber/Foam Underlayment, Recycled Rubber Flooring Over Porous Substrates	1/8" x 1/8" x 1/8" Square Notch 	80 sq.ft per gal.
3/4" Solid Wood Plank/Shorts, 4' x 4' Plywood	1/4" x 1/4" x 1/4" Square Notch 	30 sq.ft per gal.
Greater than 1/2" Engineered Plank, 3/4" Parquet and Solid Plank greater than 3/8" up to 9/16"	1/4" x 1/4" x 1/8" Square Notch 	35 sq.ft per gal.
Bamboo up to 5/8" to 9/16" in thickness	3/16" x 3/16" x 3/16" Square Notch 	35 sq.ft per gal.
Recycled Rubber Flooring over Non-Porous Substrates	3/32" x 3/32" x 3/32" Square Notch 	100 sq.ft per gal.

## 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

Adhesive will not prevent moisture-related damage to wood flooring installations. DriTac 7300 adhesive is affected by humidity more than temperature. High humidity will cause the adhesive to cure faster and low humidity will slow the curing process. Do not use on wet, contaminated or friable substrates. Due to dimensional stability, only engineered plank wood flooring can be installed below-grade, when proper moisture testing has been conducted and the results do not exceed limitations. After 8 to 12 hours, light traffic is allowed. Do not use as a leveling material. Cutback residue must be removed or encapsulated prior to applying adhesive.

## 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

### GENERAL CHARACTERISTICS

DriTac 7300 has been formulated for the interior installation of multi-ply engineered plank, solid plank, bamboo, exotic wood, acrylic impregnated wood, parquet, plywood, recycled rubber flooring and cork and rubber underlayments over approved substrates. DriTac 7300 is moisture resistant, however, to prevent damage to the flooring from subfloor moisture, carefully follow the wood manufacturer's instructions. The time it takes for the adhesive to cure is related to temperature, humidity, porosity of the subfloor, ventilation and air movement.

### APPROVED SUBFLOORS

- Plywood
- Terrazzo and ceramic tile
- Underlayment grade O.S.B.
- Vinyl tile flooring coated with vinyl primer
- Concrete; above, on or below grade in the absence of excessive moisture and alkalinity
- Non-cushioned fully adhered sheet vinyl coated with vinyl primer
- Lightweight concrete/gypcrete (coated with latex

primer), per ASTM F2419

Note: If Sika-DriTac's list of approved subfloors is different from the flooring manufacturer, Sika-DriTac requires that you must follow the flooring manufacturer's recommendation.

#### SUBFLOOR REQUIREMENTS

- Clean - It is required that all concrete, sheet vinyl, vinyl tile, terrazzo and ceramic tile subfloors be scoured with #3-1/2 open coat sandpaper to remove dirt or any surface contamination such as paint, grease, oil, sealers, waxes and curing compounds. DriTac 7300 adhesive should not be used over these substances. Sweep or vacuum the subfloor before installation.
- Preparation - All floors should be flat to within 3/16" in 10 ft. or 1/8" in 6 ft.
- Smooth and Flat - Remove any high spots with a terrazzo grinder or Carborundum stone and fill any low spots with a good quality cementitious-based latex patch mix.

#### CONCRETE SUBFLOORS

Concrete should be at least 60 days old. Inspect the concrete before installing flooring over it. First inspect for any wetness at the base of the drywall or for visible signs of moisture on the concrete. Second, test for moisture. Use a Calcium Chloride Method Test or Relative Humidity Test for reliable concrete testing. The results should not exceed 5 lbs., per 1,000 square feet over 24 hours, per the ASTM F1869 Calcium Chloride Method Test, or 80% Relative Humidity (RH), per the ASTM F2170 Relative Humidity Method Test. The maximum reading on concrete for wood installations should not exceed the wood flooring manufacturer's recommendations. Many wood flooring products can be installed over lightweight concrete (less than 3000 PSI) or gypcrete, providing the surface is properly prepared. Follow the concrete manufacturer's recommendation for the application of a surface hardener/sealer. Radiant heated subfloors should be turned off 24 hours prior to and during installation to prevent premature curing of the adhesive.

#### SHEET VINYL, VINYL TILE, TERRAZZO & CERAMIC TILE SUBFLOORS

All tiles or sheet goods must be firmly bonded to the subfloor. Make certain the sheet vinyl is a full spread system, perimeter installations are unacceptable. If materials are poorly bonded to the subfloor remove them down to the original subfloor and sand or scrape off all traces of old adhesive. Do not glue over heavy

cushioned (1/4") sheet goods or rubber tile. New sheet vinyl or vinyl tile must be coated with a primer. Old vinyl must be sanded first, then cleaned with TSP or equivalent cleaner to remove all wax and other coatings. CAUTION: Sanding or removing tile flooring containing asbestos is a health hazard. If there is any doubt concerning the contents, professional advice should be sought. Asbestos has been labeled a carcinogen.

#### PLYWOOD, ORIENTED STRAND BOARD (OSB), OR WOOD SUBFLOORS

CAUTION: Subfloors with high moisture content may shrink at a later date causing cracks to appear in the wood floor. Before installing over any one of these subfloors, test for moisture using a reliable moisture meter such as the Tramex Wood Moisture Meter or equivalent. The moisture content should not exceed 12%. If it is over 12%, either wait until the subfloor is drier or stabilize the subfloor with an additional layer of 1/4" plywood. All joints in subflooring materials should have 1/8" expansion space around all panels. If expansion space is not present, cut around and through the panel joints with a circular saw. When installing a plywood sheet subfloor over concrete, use a 1/4" x 1/4" x 1/4" square notched trowel to apply adhesive. Score 3/8" deep every 8 to 10 inches on 4' x 4' sheets of 3/4" exterior. Set 4' x 4' sheets into wet adhesive. Apply weight as necessary and allow to cure overnight.

#### WOOD INSTALLATIONS

DriTac 7300 flows from the pail very easily. For best results, tip the pail carefully to dispense adhesive. Provide adequate ventilation and air movement. Ideally, installation should not begin until all wet work (painting, dry wall materials, etc.) is complete and the heating/air conditioning system is in operation. Jobsite temperature should be between 55 and 90 degrees Fahrenheit. Trowel only the amount of adhesive that can be covered in 30 minutes. Install wood flooring into wet adhesive only. Secure the first row with edge blocking or top nail with finishing or sprig nails. Tighten side and end joints and reduce scooting by securing the flooring together with a manufacturer-approved method (painters tape, side blocking, strapping, etc.). Occasionally check for transfer to back of wood flooring. If adhesive transfer is less than 90% to the back of the plank scrape up the adhesive and apply fresh DriTac 7300. Apply weight to any bowed flooring and all floor mounted trim moldings. Remove all defective or unsightly boards immediately. The adhesive is very tenacious and flooring is difficult to remove after the adhesive has cured. Roll the floor with

a 100 lb. roller every two to three hours during and immediately after installation.

#### RECYCLED RUBBER FLOORING INSTALLATIONS

This product is approved for installing all recycled rubber flooring products that are recommended for installation with a moisture cure urethane adhesive. Check with the flooring manufacturer for installation recommendations.

#### APPROVED CORK & RUBBER UNDERLAYMENT INSTALLATIONS

- Cut underlayment to length and lay loosely over the area to be installed. Both ends of the roll must curl down towards the subfloor. If the ends curl up, turn the underlayment over.
- Pull the loose laid material back at least half the length of the roll. Using the recommended trowel, apply DriTac 7300 to the subfloor. Place underlayment into adhesive utilizing wet-lay method. Upon placing underlayment into the adhesive, roll both ways with a 100 lb roller. Repeat the installation for the other half of the subfloor, insuring all joints are butted together tightly.
- Allow adhesive to set prior to proceeding to flooring installation. It is highly recommended to allow at least 18 hours prior to installation of the flooring.

#### GLUE/NAIL ASSIST INSTALLATIONS

This adhesive can be used for glue and nail assist installations, when recommended in writing by the wood flooring manufacturer.

#### REUSE OF PARTIAL CONTAINERS

Cover adhesive in the pail with a plastic trash bag or two layers of plastic film. Put lid on tightly. Turn over pail. This will seal contents from outside air. To open container, take off lid, cut plastic and remove thin layer of cured adhesive on surface.

#### RECAUTIONS

- Contains Methylene Diphenyl Diisocyanate. May cause skin and/or eye irritation. May cause dermatitis and allergic responses. Potential skin and/or respiratory sensitizer. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness, and nausea. See Safety Data Sheets for further information. Ingestion may cause irritation.
- **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors. Use only with adequate ventilation. Use impervious gloves, eye protection and if TLV is exceeded or if used in a poorly ventilated area, use NIOSH/MSMA approved respiratory protection in

accordance with applicable federal, state and local regulations. DO NOT take internally. Empty container may contain hazardous residues.

#### FIRST AID

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash all contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists, SEEK MEDICAL ATTENTION.

#### INSTALLER RESPONSIBILITY

These directions are general guidelines for flooring installations. It is the responsibility of the installer to determine proper drying time of the adhesive, trowel size to be used and acceptability of subfloor conditions. Installations must also be in accordance with flooring manufacturers recommendations. Only flooring that is approved for glue down installations by the flooring manufacturer can be used with DriTac 7300. Floors installed with DriTac 7300 are not warranted against damage caused by wet mopping, flooding, plumbing leaks or other extraordinary circumstances. For any installation not herein recommended, contact Sika-DriTac before proceeding.

#### CLEANING OF TOOLS

- Remove excess urethane adhesive as soon as possible before it dries on the flooring surface. Clean up as you go. Cured urethane adhesive is very difficult to remove.
- Never attempt to remove DriTac 7300 adhesive from tools or flooring with water as this will cause the adhesive to cure more rapidly.
- Remove residue before it dries with flooring manufacturer-approved cleaning method.
- Clean DriTac 7300 adhesive from floor and tools while still wet with flooring manufacturer-approved cleaning method.

#### 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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