BUILDING TRUST

PRODUCT DATA SHEET

SikaBond®-6200

PREMIUM PRESSURE SENSITIVE WOOD FLOORING ADHESIVE

PRODUCT DESCRIPTION

SikaBond®-6200 (formerly DriTac® 6200) is a premium flooring adhesive with superior tack, excellent bond strength and long open time, making it ideally suited for commercial and residential applications.

USES

- Multi-ply engineered plank
- Acrylic impregnated plank
- Cork tile/underlayment
- Parquet

CHARACTERISTICS / ADVANTAGES

- Easy clean up
- Spreads easily
- Dries to an aggressive, permanent tack
- Increases productivity

PRODUCT INFORMATION

Packaging	4 gal. (15.14 L) pail
Shelf Life	12 months from the date of production if stored properly
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions and protected from direct sunlight at temperatures between 50°F and 77°F (10°C and 25°C).

APPLICATION INFORMATION

Coverage

Flooring Type	Trowel	Coverage
Cork Tile (greater than 1/4"), Parquet, Foam-Backed Multi-Ply Engineered Plank	1/8" x 1/8" x 1/8" U Notch 	80 sq.ft per gal.
Multi-Ply Engineered Plank (up to 5 inches wide)	3/16" x 1/4" x 5/16" Flat V Notch 	60 sq.ft per gal.
Cork Tile (up to 1/4"), Foam-Backed Parquet, Cork Underlayment	3/32" x 3/32" x 3/32" V Notch 	120 sq.ft per gal.

- These are estimated spread rate coverages and additional adhesive may be

	required based on substrate porosity/profile/levelness, wastage or any other variations. Apply product to a test area to calculate the exact coverage for the specific substrate conditions. Trowel diagrams are not to scale. ▪ Coverage must be monitored to ensure accuracy of application. Trowel angle may prevent proper coverage. ▪ Installer is responsible for periodic inspection of the trowel to check for excessive wear. Worn trowels must be replaced immediately. ▪ The above-listed trowels must be used to obtain proper coverage, larger sizes are acceptable. Excessive amounts of adhesive may cause floor covering to slide while placing, check coverage during installation.
Substrate Moisture Content	Concrete moisture vapor emission rate (MVER) may not exceed 3 lbs. per 1,000 sq.ft. (1.36 kg per 92.9 m^2) per 24 hours, anhydrous calcium chloride test (ASTM F1869). Do not install when the relative humidity (RH) of the concrete slab exceeds 75% (ASTM F2170). For protection of the floor covering, follow the floor covering manufacturer's requirements for subfloor moisture.
Cure Time	Floor may accept light foot traffic after 8–12 hours Restrict heavy traffic and furniture placement for ~24 hours after installation Curing times depend on environmental and subfloor conditions, adhesive layer thickness and floor covering type.

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

- SikaBond®-6200 is suitable for interior use only.
- SikaBond®-6200 is only suitable for use by professional floor covering installers.
- Follow the floor covering manufacturer's installation instructions. Floor coverings need to acclimate to the room before installation according to the guidelines of the manufacturer.
- Avoid extreme variations of environmental conditions (temperature or humidity).
- Wood size limitations can be found in coverage section.
- Minimum age of concrete before application must be 21–28 days, depending on curing and drying conditions.
- Do NOT use on wet, contaminated or friable substrates.
- When needed, Sika recommends the use of Sika® Level patching and levelling compounds for best results.
- Gypsum based subfloors are very susceptible to excess moisture and will be degraded if exposed to excess moisture from below or above.
- 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.
- Do NOT use in areas subject to hydrostatic head or in areas subject to secondary source of moisture.
- Do NOT use over concrete with curing compounds, sealers or other surface treatments that could impact the adhesion.
- This adhesive will NOT prevent moisture related damage to floor covering installations.
- Subfloor should be level – do NOT use adhesive as a levelling agent.
- Cutback or other asphaltic based residue must be removed.
- Adhesive should be kept above 60°F (15°C) for best workability.
- SikaBond®-6200 should NOT be used over radiant-heated subfloors.
- Chemically treated woods (e.g. ammonia, wood stain, timber preservative or woods that have been pre-sealed on the back side) and woods with high oil content must only be used if adhesion tests are run by installer to verify the bond prior to starting application.
- Do not use on PE, PP, TEFLON, and certain plasticized synthetic materials (carry out pre-trials).
- Some primers can negatively influence the adhesion of SikaBond®-6200 (pre trials suggested).
- While this adhesive is freeze thaw stable to 25°F (up to two cycles), it is necessary to keep from freezing. If the adhesive freezes, it cannot be used. It will become difficult to trowel, lumpy (or solid) and will not adhere to the floor.
- Installer must provide adequate cross-ventilation during and for ~24 hours after installation.

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

NOTES ON INSTALLATION

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. All installations must be in accordance with the flooring manufacturer's recommendations. Only flooring that is approved in writing for glue down installations by the flooring manufacturer can be used with SikaBond®-6200. Floors installed with SikaBond®-6200 are not warranted against damage caused by wet mopping, flooding, plumbing leaks or other extraordinary circumstances. For any installation not herein recommended, contact Sika before proceeding.

SikaBond®-6200 spreads very easily. Expect little or no "grab" from the adhesive initially. As SikaBond®-6200 dries, it becomes increasingly tacky, ultimately producing a very aggressive grab. Working installation time is several hours. Keep the adhesive surface clean of dust, dirt or anything that may hinder a good bond. The time it take SikaBond®-6200 to attain its aggressive grab will differ with temperature, humidity, moisture content of the subfloor and the trowel size used. At 70°F (21°C) and 50% humidity it will take approx. 45 minutes to one hour for SikaBond®-6200 to become tacky. Fans can be used to create air flow and speed up drying time. Do not allow construction dust to settle on the adhesives surface.

SUBSTRATE QUALITY

Substrate must be clean and dry, homogeneous, even, free from oil, grease, dust and loose particles. Paint, laitance and other poorly adhering particles must be removed by mechanical means.
Note: Adhesion tests on project specific substrates are recommended to be performed.

SUBSTRATE PREPARATION

- SikaBond®-6200 can be used on properly prepared, structurally sound concrete, lightweight concrete (coated), cementitious patch/underlayments, plywood, APA standard underlayment particle board with latex primer, existing fully adhered non-cushioned sheet vinyl, terrazzo, existing vinyl tile flooring, underlayment grade OSB. All floor covering manufacturer's recommendations must be followed.
- Concrete substrate must have a concrete surface profile of CSP 1-3.
- Thorough examination for excessive moisture in all subfloors is essential. Look around for visible water stains on the drywall and subfloor, particularly on concrete. Checking for and avoiding excessive moisture in every subfloor must be done. Sika requires the use of moisture tests on all concrete and wood subfloors. It is important that the subfloor's moisture content do not exceed the flooring manufacturer's or Sika's recommendations, whichever is lowest. If excessive moisture is present use an appropriate vapor barrier. All moisture tests must be documented prior to installation for Sika warranty to be in effect. After moisture testing of the concrete subfloor is complete, if moisture is above limitations, a Concrete Moisture Control System is required. The ASTM F1869 Calcium Chloride Test measures moisture emission in concrete. Moisture in wood subfloors should be measure with a wood moisture meter. The moisture content should not exceed 12%. Subfloors should be within 5% of the wood flooring's moisture content. Read flooring manufacturer's moisture standards. A moisture meter can also be used to measure moisture in concrete. Follow the flooring manufacturer's instructions carefully. Moisture meters measure wood and concrete differently.
- Below grade applications are generally not recommended unless proper precautions are taken to protect the floor covering from subfloor and in-room humidity extremes.
- The subfloor must meet the requirements of national standards, must have good compression and tensile strength.
- Preparation is a critical step in the installation process and will ensure a successful long term tenacious bond.
- All subfloors must be structurally sound, clean, dry, smooth; free of voids, projections, loose materials, oil, grease, sealers and other surface contaminants that would hinder a good bond. Thoroughly clean with an industrial vacuum. Remove laitance or weak areas mechanically and thoroughly.
- When installing over existing hard surface floors, remove finish to allow a good mechanical bond.
- When installing floor covering over gypsum based substrate, the gypsum must first be sealed/primed and allowed to dry prior to installation of floor covering (see gypsum manufacturer's instructions for recommended sealer/primer).
- Epoxy and poured vapor barriers may leave an oily residue after application, which should be removed. The vapor barrier's surface should be abraded or lightly sanded and cleaned thoroughly.
- When using new sheet vinyl as a moisture barrier over concrete, a vinyl primer must be applied. Refer to manufacturer's instructions and limitations.
- Subfloors must be flat 3/16" in a 10' radius of 1/8" within a 6' radius. Remove any high spots with a grinder or sander and fill any low spots with a Sika® Level patch/level product in conjunction with the correct primert.
- If surface contains asphalt (cutback) adhesive, follow the Resilient Floor Covering Institute "Recommended Work Practices" for removal. When the asphalt (cutback) adhesive is sufficiently removed use a Sika®

Level patch/level product in conjunction with the correct primer.
- SikaBond®-6200 will adhere to most common patching / levelling compounds. Due to differences in asphalt-based adhesive types and performance capabilities, inataller must verify that preparation of the surface is sufficient prior to using Sika® Level patch / level compound. For unknown substrates, please contact Sika® Technical Services for best practices at 1-800-933-SIKA.

APPLICATION METHOD / TOOLS

- The adhesive should flash off for 30 to 60 minutes before installation. Adhesive is properly flashed off when it can be touched lightly with no transfer to the finger. Additional flash time may be needed, especially when installing over a non-porous subfloor. Let the adhesive flash until it becomes tacky. Flashing off the adhesive allows less moisture to be introduced to the wood.
- Lay wood into the adhesive. Wood may slide when first laying into SikaBond®-6200. Keep the flooring tight as you install.
- Periodically check for proper adhesive transfer. Occasionally check for at least 75% transfer to the back of the wood. If there is not enough transfer, lightly coat the adhesive surface with additional SikaBond®-6200 using a paint roller, paint brush or rag. This will ensure proper adhesive transfer. As SikaBond®-6200 dries, it will become tacky and gain “memory”.
- The wood flooring may spring apart during installation. Should this occur, lightly coat the tacky adhesive, as you proceed, with additional SikaBond®-6200. Apply a light coating with a paint roller, paint brush, or rag. This will lubricate the adhesive’s surface and allow the flooring’s tongue and groove to slide together tightly and easily. This procedure can be implemented on completely dry SikaBond®-6200 as well.
- Some wood may lift at the floor edges and may not adhere in some areas immediately after installation. There is no need to weigh down these areas, as SikaBond®-6200 dries to an aggressive grab.

CLEANING OF TOOLS

Wet adhesive can be removed with a damp cloth. Dry SikaBond®-6200 can be removed with mineral spirits or similar cleaning solvents. To remove adhesive from tools, clean with water immediately upon completion of installation.

OTHER RESTRICTIONS

See Legal Disclaimer.

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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