



AUCT-712

POLYURETHANE ADHESIVE

UNE MARQUE SIKA
A SIKA BRAND

DESCRIPTION

AUCT-712 is a solvent less, VOC compliant, two components polyurethane adhesive system designed for extreme indoor and outdoor flooring installations. It aggressively bonds rubber floor coverings with concrete, asphalt, metal, wood, artificial turf and many other resistant floor coverings. It is recommended for the installation of homogenous PVC, solid vinyl tile and planks, rubber sheet flooring, rubber tile, rubber stair treads, wood parquet floors, vinyl composition tile, artificial-grass indoor and outdoor carpet, etc. It has good resistance to both high and low temperature. It exhibits very good properties in humid conditions as well as dry conditions.

PRIMARY APPLICATIONS

- Interior and exterior residential (apartments, condominiums)
- Interior and exterior commercial (office buildings, cafeterias)
- Interior and exterior heavy commercial (shopping malls, grocery stores, department stores)
- Interior and exterior institutional (hospitals, schools, universities, libraries)

ADVANTAGES

- VOC compliant, allowing for interior application without harmful odors
- Excellent adhesive properties to numerous substrates
- Excellent adhesion in areas with extra heavy traffic and rolling loads
- Excellent for occupied areas
- Resistant to many chemical products
- Can be used on damp or dry surfaces
- **LEED Point Contribution**

MR Credit 5. Regional Materials: Up to 2 points

IEQ Credit 4.1, Low Emitting Materials, Adhesives & Sealants: 1 point

TECHNICAL SPECIFICATIONS AND MECHANICAL DATA

PACKAGING	1 Gallon/2 Gallon	RECOMMENDED FULL CURE	3-7 days
MIX RATIO BY WEIGHT	A: B = 9kg: 0.81kg	CLEANER	SCT-0005
COVERAGE BY THICKNESS	1/16" x 1/16" x 1/16" covers 90-110 ft ² / gal 1/8" x 1/8" x 1/8" covers 45 - 65 ft ² / gal	SHELF LIFE	12 months unopened
GEL TIME (100G)	90-105 minutes	VOC G/L	35
POT LIFE @ 25° C	60 minutes		

PROPERTIES @ 23°C (73°F) 50% R.H.

SPECIFIC GRAVITY	Part A: 1.60 Part B: 0.98	MIXED VISCOSITY @ 25° C	60000-75000 cps
ELONGATION	387%		



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SURFACE PREPARATION

The surface must be sound and clean. Remove any dust, grease, oil, dirt, curing agents, wax, foreign substances and disaggregated substances by sanding or by other approved methods. Standing water must be removed from the surfaces but if primer is applied, the surface can be damp. Porous surfaces may require multiple priming.

MIXING

The products must be conditioned at a temperature between 18 ° C (65 ° F) and 30 ° C (86 ° F). Thoroughly mix each component separately using paddle mixers and a drill for a minimum of 2 minutes to place the solids content evenly in suspension. Pour component B into component A using the proper mixing ratio. Mix both components for at least 3 minutes using a drill at low revolution (300 to 450 rpm) to reduce trapping of air. While mixing, scrape bottom and walls of container at least once to ensure a homogeneous mix. Only prepare quantity that may be applied during pot life of mixture.

APPLICATION

Apply mixed product on the prepared surface using an adhesive spreader 1/8" x 1/8" x 1/8" or 1/16" x 1/16" x 1/16".

CLEANING

Clean all tools and materials with the cleaner/thinner for urethanes. Wash hands and skin carefully with warm soapy water. Once product has hardened, it may only be removed through mechanical means.

RESTRICTIONS

- Do not use at temperatures below 5°C or above 45°C.
- Do not lay the floor coverings on asphalt screeds aged less than 30 days.
- A structural barrier should be applied first, before any application of floor coverings, to the substrate when hydrostatic pressure exists. Particularly around swimming pool areas.
- Do not use on concrete surfaces having more than 6% humidity by weight (measured by hygrometer test).
- Do not apply on porous surfaces where a transfer of humidity may occur during application.
- No primer is required prior to application.
- Product should not be applied when the moisture vapor emission rate exceeds 5 lbs. / 1,000 ft² / 24 hours, when using the anhydrous calcium chloride test as per test method (ASTM F1869).
- Product should not be installed when relative humidity of concrete slabs exceeds 75% as per test method (ASTM F2170).



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HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.

IMPORTANT NOTICE

The information and recommendations contained in this document are based on reliable test results according to CTM Coatings. The data mentioned are specific to the material indicated. If used in combination with other materials, the results may be different. It is the responsibility of the user to validate the information therein and to test the product before using it. CTM Coatings assumes no legal responsibility for the results obtained in such cases. CTM Coatings assumes no legal responsibility for any direct, indirect, consequential, economic or any other damages except to replace the product or to reimbursement the purchase price, as set out in the purchase contract.