

PRODUCT DATA SHEET

SikaBond®-626

(formerly MWeld 626)

FLEXIBLE HIGH-PERFORMANCE, FAST-TACK HYBRID POLYURETHANE ADHESIVE/SEALANT

PRODUCT DESCRIPTION

SikaBond®-626 is a non-yellowing, one-component adhesive/sealant based on hybrid technology that provides a quick curing, elastomeric bond to a variety of materials. SikaBond®-626 offers excellent strength and can be used to eliminate mechanical fasteners and seal exterior and interior seams.

USES

- Manufactured housing assemblies
- Various truck, bus, and trailer assemblies
- Commercial HVAC
- Rail car and cargo container assemblies

CHARACTERISTICS / ADVANTAGES

- Fast tack-free and skin time improves process/application time
- Primerless adhesion eliminates an application step to improve production efficiency and time
- UV resistant for long-lasting color stability
- Can be painted minutes after application to allow for faster completion of projects and manufacturing processes

APPROVALS / STANDARDS

- ASTM C 920-87, Type S, Grade NS, Class 12.5, Use NT, M and A
- Federal Specification TT-S-00230C, Type II, Class B

PRODUCT INFORMATION

Chemical Base	SikaBond®-626 is a hybrid polyurethane sealant/adhesive that is isocyanate-free and low VOC.
Packaging	<ul style="list-style-type: none"> ▪ 300 mL (10.1 fl oz) cartridges, 24 cartridges per case ▪ 20 oz (590 mL) sausages, 20 sausages per case
Shelf Life	<p>Cartridges: 9 months when stored in unopened containers at 75° F (24° C) and 50% relative humidity</p> <p>Sausages: 9 months when stored in unopened containers at 75° F (24° C) and 50% relative humidity</p>
Storage Conditions	Protect unopened containers from heat and direct sunshine. In cool or cold weather, store containers at room temperature for at least 24 hours before using.
Color	White and aluminum gray. For special orders of other colors, contact Customer Service.

Density	12.5 lbs/gal	(ASTM D 1475)
---------	--------------	---------------

TECHNICAL INFORMATION

Shore A Hardness	35 ± 5	(ASTM C 661)
Tensile Strength	231 ± 25 psi	(ASTM D 412)
Tensile Modulus of Elasticity	100% Modulus 117 ± 10	(ASTM D 412)
Elongation at break	238 ± 50%	(ASTM D 412)
Movement Capability	Bond Durability ± 12.5% on glass, aluminum, concrete	(ASTM D 719)
Adhesion in peel	39 ± 5 pli	(ASTM D 794)
Tear Strength	32 ± 5 pit	(ASTM D 1044)
Service Temperature	-40° F to 200° F	
Resistance to Weathering	No degradation after xenon arc, 2,000 hours	(ASTM G 151, G 155)
	Mandrel Bend No cracking	(ASTM C 793)

APPLICATION INFORMATION

Coverage	A 300 mL cartridge seals 24 lineal feet in a 1/4" by 1/4" joint	
Sagging	Sag resistance Excellent	(ASTM C 639)
Curing Rate	1 day: 100° F (38° C) and 95% relative humidity 2 days: 70° F (21° C) and 65% relative humidity 5 days: 40° F (4° C) and 50% relative humidity Cure through times are based on a 1/4" diameter bead.	
Skin Time / Laying Time	15–25 minutes	(Industry method)
Tack Free Time	30 ± 5 minutes	(ASTM C 679)

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

NOTES ON INSTALLATION

- Do not apply over freshly treated wood; its moisture content is recommended to be below 12%.
- During the cure, SikaBond®-626 should not come in contact with oil-based caulking, silicone sealant, polysulfides, fillers impregnated with oil, asphalt, tar, and alcohol.
- Do not apply on frozen surfaces or standing water
- Avoid contact with water or alcohol before use and during the cure process
- Make certain the most current versions of the product data sheet and SDS are being used.
- Proper application is the responsibility of the user. Field visits by Sika personnel are for the purpose of making technical recommendations only and not for

supervising or providing quality control on the jobsite.

SUBSTRATE PREPARATION

1. Surfaces must be dry, clean, and free of dirt, moisture, loose particles, oil, grease, asphalt, tar, paint, wax, rust, waterproofing, or other substances that may affect adhesion.
2. On metal surfaces, remove scale, rust, and loose particles.
3. On painted metal, check compatibility before applying SikaBond®-626.

APPLICATION

1. SikaBond®-626 is a low VOC adhesive that provides a fast, primerless bond with a short tack-free time. SikaBond®-626 bonds extremely well to a wide variety of substrates and requires minimal substrate prep. SikaBond®-626 is ideally suited for sealing interior/exterior joints, waterproofing, overlap seams, sealing fascia, and other structural components. SikaBond®-626 remains permanently elastic creating long-lasting bonds that will not discolor or degrade when exposed to UV.
2. Surface temperatures above 40° F (4° C) are recommended at the time of application. SikaBond®-626 can be applied below freezing temperatures, but only if substrates are completely dry. For further information, call Technical Services.
3. For low-temperature applications, store SikaBond®-626 at room temperature (approximately 70° F [21° C]) for at least 24 hours prior to use.
4. SikaBond®-626 comes ready to use. Do not open cartridges until preparatory work has been completed. Trim nozzle to desired size opening. Place cartridge in caulking/adhesive gun and puncture seal inside nozzle.
5. Dry tooling is recommended.

CLEANING OF TOOLS

Immediately after use, clean equipment with the appropriate solvent. Use proper precautions when handling solvents. Cured sealant can be removed by cutting mechanically or abrading

LEGAL DISCLAIMER

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

Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com



Product Data Sheet

SikaBond®-626
September 2024, Version 02.01
02051300000002005

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.

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

SikaBond-626-en-US-(09-2024)-2-1.pdf

