

MasterWeld® 626

Flexible high-performance, fast-tack hybrid polyurethane adhesive/sealant

FORMERLY DEGASEAL™ 26

PACKAGING

- 300 mL (10.1 fl oz) cartridges, 24 cartridges per case
- 20 oz (590 mL) sausages, 20 sausages per case

COLORS

White and aluminum gray. For special orders of other colors, contact Customer Service.

YIELD

- A 300 mL cartridge seals 24 lineal feet in a 1/4" by 1/4" joint

STORAGE

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.

SHELF LIFE

Cartridges: 9 months when stored in unopened containers at 75° F (24° C) and 50% relative humidity

Sausages: 9 months when stored in unopened containers at 75° F (24° C) and 50% relative humidity

VOC CONTENT

5 g/L or 0.04 lbs/gal, less water and exempt solvents.

DESCRIPTION

MasterWeld 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. MasterWeld 626 offers excellent strength and can be used to eliminate mechanical fasteners and seal exterior and interior seams.

PRODUCT HIGHLIGHTS

- 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

APPLICATIONS

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

Technical Data

Composition

MasterWeld 626 is a hybrid polyurethane sealant/adhesive that is isocyanate-free and low VOC.

Compliances

- 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

Test Data

PROPERTY	RESULTS	TEST METHOD
Tack-free time , minutes	30 ± 5	ASTM C 679
Skin time , minutes	15 – 25	Industry method
Tensile strength , psi	231 ± 25	ASTM D 412
Elongation, at break , %	238 ± 50	ASTM D 412
100% modulus	117 ± 10	ASTM D 412
Sag resistance	Excellent	ASTM C 639
Tear strength , pit	32 ± 5	ASTM D 1044
Adhesion-in-peel , pli	39 ± 5	ASTM D 794
Hardness , Shore A	35 ± 5	ASTM C 661
Mandrel bend	No cracking	ASTM C 793
Bond durability , % Glass, aluminum, concrete	± 12.5	ASTM D 719
Density , lbs/gal	12.5 ASTM	D 1475
Service temperature range , ° F	-40 to 200	
Weathering , xenon arc, 2000 hours	No degradation	ASTM G 151, G 155

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

HOW TO APPLY

SURFACE PREPARATION

1. Surfaces must be dry, clean, free of dirt, moisture, loose particles, oil, grease, asphalt, tar, paint, wax, rust, waterproofings 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 MasterWeld 626.

APPLICATION

1. MasterWeld 626 is a low VOC adhesive that provides a fast, primerless bond with a short tack free time. MasterWeld 626 bonds extremely well to a wide variety of substrates and requires minimal substrate prep. MasterWeld 626 is ideally suited for sealing interior/exterior joints, waterproofing, overlap seams, sealing fascia and other structural components. MasterWeld 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. MasterWeld 626 can be applied below freezing temperatures, but only if substrates are completely dry. For further information, call Technical Services.
3. For low temperature application, store MasterWeld 626 at room temperature (approximately 70° F [21° C]) for at least 24 hours prior to using.
4. MasterWeld 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.

CURING

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.

CLEAN UP

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

FOR BEST PERFORMANCE

- Do not apply over freshly treated wood; it's moisture content is recommended to be below 12%.
- During the cure, MasterWeld 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 surface or standing water
- Avoid contact with water or alcohol before use and during the cure process
- Make certain the most current versions of product data sheet and SDS are being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.basf.us, e-mailing your request to basfbscst@basf.com or calling 1(800)433-9517. Use only as directed.

**For medical emergencies only,
call ChemTrec® 1(800) 424-9300.**

LIMITED WARRANTY NOTICE

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