



STRUCTUREBOND™ Foam Adhesive



UPDATE

April 23, 2018

Make sure that you have an up-to-date technical data sheet in hand by consulting our website: techniseal.com
U.S.A. and Canada: dial 1 800 465-7325
Others: dial (514) 523-8324 (Canada)

APPLICATIONS

- Pavers
- Concrete
- Bricks
- Porcelain
- Wood / plywood,
- Composite materials
- Drywalls
- Steel
- Aluminum
- PVC

PROPERTIES

- Super-strength hardscape foam adhesive
- Developed for the construction industry
- Super quick and easy application with gun
- Precise delivery - No mess, no waste
- Adjustable bead size
- Sets in 8 minutes*

*Set time will vary according to air moisture

DESCRIPTION

StructureBond™ is an innovative super-strength foam adhesive that bonds a wide range of construction products. StructureBond Gun allows for a precise adhesive delivery with a single pull of the trigger that stops as soon as you let go. It requires no pumping, cutting or puncturing of cartridge nozzles. Gun is easily cleaned with practical cleaner cartridge available from Techniseal. Application time is up to 50% faster than with conventional tube adhesives. Materials are bonded in just 8 minutes and adhesive is fully cured within 24 hours. StructureBond™ is made from high-quality modified polyurethanes. Its adhesive strength is unmatched among all types of polyurethane adhesives. Also, it has an excellent long-term resistance to weathering, dilute acids and caustic solutions.

DIRECTIONS

BEFORE YOU BEGIN

Before proceeding with the installation, make sure you have an up-to-date technical data sheet available at techniseal.com. **ALWAYS TEST** on a small hidden area to ensure compatibility before use. **For industrial use only.**

Preparation:

- Protect floor.
- Remove all particles, dust and grease.
- A faster cure can be obtained by moistening the substrates with a light water mist.
- Shake canister vigorously at least 20 times before each use.

Necessary tools:

- StructureBond Gun (sold separately)

Note: Complete curing will take approximately 24 hours. For a speedier curing, lightly moisten the substrates.

APPLICATION

1. Shake canister vigorously at least 20 times.
2. Remove the protective cap and screw onto the StructureBond gun.
3. Apply a bead of along the horizontal and vertical sections to be bonded. The foam output (bead size) can be adjusted by turning the adjustment dial on the gun.
4. Wait a few seconds and bond both pieces together by pressing slightly. No need to twist.
5. Remove excess foam immediately. See Cleaning section for instructions.

Note: Before putting the first can on a new gun, open the valve slightly and pull the trigger. A small amount of air may be trapped. After each use, leave the can on the gun and close the valve completely. **For best results**, always work with the canister in a vertical position and keep the valve pointed downwards.

CURING

Adhesive will be tack free within 8 minutes. Fully load bearing after 24 hours.

CLEANING

Remove excess foam immediately. Ensure surface is solvent resistant before cleaning. Cured foam can only be removed mechanically. To clean the StructureBond Gun, use StructureBond Gun Cleaner from Techniseal. The cleaner can also be used to clean spills.

YIELD

A 1/2" bead will yield up to 480 ft.

APPLICATION TEMPERATURE

32°F to 95°F (0°C to 35°C)

STORAGE AND DISPOSAL

Do not puncture, incinerate or store above 120°F (49°C). Protect from sunlight. Store can upright to avoid obstruction of the valve. Store in a well-ventilated place. Store locked up. Dispose of contents in accordance with local regulations.

SHELF LIFE

15 months – unopened container.

SAFETY WARNINGS

CONTAINER MAY EXPLODE IF HEATED. EYE AND SKIN IRRITANT. Do not use in presence of open flame or spark. Do not place in hot water or near radiators, stoves or other sources of heat. Do not puncture, incinerate or store above 120°F (49°C). Do not get in eyes, on skin, or on clothing. Do not breathe vapors. Do not take internally. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Store in a well-ventilated place. Dispose of contents in accordance with local regulations. **KEEP OUT OF THE REACH OF CHILDREN.**

SHIPPING

LAND:

Transported in limited quantity; DOT-SP 12552

SEA:

UN1950; Aerosols; Class : 2.1; DOT-SP 12552

PACKAGING

StructureBond	Product Code	Color	Size	Units per box	Boxes per pallet
	70975914 (221-B01)	N/A	24 oz (700 ml)	12	84

LIMITED WARRANTY

Techniseal® warrants this Adhesive against manufacturing defects. As Techniseal® has no control over surface preparation and product application, results cannot be guaranteed. The Techniseal® warranty is limited only to the replacement of a product proven to be defective, and will never cover the cost of labour. A proof of purchase will be required for any claim. Notice : User should make sure that this product meets their needs by carrying out a test under anticipated conditions of use. In the event that no test was carried out, the warranty won't apply.