



STICKYSTONE™

VERTICAL HARDSCAPE ADHESIVE

UPDATE

January 18, 2021

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

- Ideal for above-grade, vertical veneering applications
- Indoor & outdoor applications
- Hardscape applications such as: outdoor kitchens, fireplaces, firepits, columns, mailboxes, doghouses, etc.
- Veneer materials include: manufactured stone, decorative stone, alternative masonry, natural stone, outdoor porcelain tile, outdoor glass, wood, composite materials, concrete pavers and a variety of substrates.
- Substrates include, but are not limited to: gypsum board/drywall, wood, pressure-treated wood, plywood, brick, concrete block, cement board.

PROPERTIES

- Superior initial green strength; resists sag
- Great for indoor & outdoor applications on a multitude of substrates
- Applies easily with applicator gun
- Resists UV and weathering effects
- Solvent-free, low odor, low VOC
- Single-component adhesive

DESCRIPTION

Techniseal® STICKYSTONE™ is a versatile quick-tack adhesive for manufactured stone, natural stone, outdoor porcelain tile, and a variety of substrates.

NECESSARY TOOLS

- STICKYSTONE™ Sausage Applicator Gun or equivalent

CAUTION

- Wear appropriate safety gears.
- Protect surrounding area from excess adhesive.
- Do not use on submerged or constantly wet surfaces.
- Not suitable for bonding polyethylene, polypropylene, Teflon® or nylon substrates. Do not use as a structural glazing adhesive, or for bonding plastics that are sensitive to stress cracking. Not recommended for prolonged exposure to water. Contact with bituminous or tar containing surfaces may lead to discoloration. Test on natural stone to ensure no discoloration.
- Do not use for structural applications

- Do not use for masonry structures or if attached to a structure mandated by code
- Product should be installed in accordance with the provisions of local building code. Always follow industry best practices appropriate for the application.

STICKYSTONE™ INSTALLATION INSTRUCTIONS:

PREPARATION

- Dry-fit materials to ensure proper fit before applying adhesive
- Surfaces must be clean, dry, and free of frost, grease and contaminants
- Roughen non-porous surfaces for optimal adhesion
- StickyStone™ typically adheres to common construction substrates without primer. However, Techniseal always recommends that a mock-up or field adhesion test be performed on the actual materials being used on the installation to verify the need for a primer. If needed, please contact Techniseal Technical Service.
- Adhere to a small sample of materials to ensure a strong hold

APPLICATION

- Cut the tip of the applicator gun to the desired bead size.
- Remove clip to open foil, then position roll in sausage gun.
- Apply a bead of adhesive to one side of the substrate being bonded, ensuring that the quantity is sufficient for your application. For large areas, apply parallel beads approximately 3" (75 mm) apart to allow an aerated gap between the beads.
- STICKYSTONE™ is a moisture-curing adhesive. Therefore, it requires one surface to be porous to allow moisture to penetrate. Avoid adhesive patterns that would prevent contact with air moisture.
- In reference to the final installation, ensure that adhesive beads are oriented in a vertical way.
- For material heavier than 15 lb/sq. ft., apply additional beads of adhesive.
- Allow the bottom leveling row of material to cure for 15 minutes before installing additional rows to provide support for the rows above.
- Apply in temperatures above 32°F (0°C) to ensure proper curing.
- Immediately join the components together to bond.
- Working strength will typically form after 10 minutes.

CLEANING

- Immediately remove excess adhesive with xylene or mineral spirits.
- Once cured, the adhesive must be removed mechanically.

COVERAGE

Width x Depth inches (mm)	Linear Feet per 20.3 oz. Sausage
1/4" x 1/4" (5 mm x 5 mm)	50
5/16" x 1/4" (8 mm x 6 mm)	40
3/8" x 5/16" (10 mm x 8 mm)	26
1/2" x 3/8" (15 mm x 10 mm)	16
3/4" x 1/2" (20 mm x 12 mm)	8
1" x 1/2" (25 mm x 15 mm)	6
1 1/4" x 1/2" (30 mm x 15 mm)	5

STORAGE AND DISPOSAL

Keep container tightly closed. Store in a well-ventilated place. Store locked up. Dispose of contents in accordance with local regulations.

SAFETY WARNINGS

CAUSES BURNS.

CAUSES EYE BURNS. HARMFUL IF INHALED. CAUSES RESPIRATORY TRACT AND SKIN IRRITATION. SUSPECT CANCER HAZARD - MAY CAUSE CANCER.

Risk of cancer depends on duration and level of exposure.

Do not swallow. Do not get on skin or clothing. Do not get in eyes. Do not breathe dust.

KEEP OUT OF THE REACH OF CHILDREN. Keep container tightly closed and sealed until ready for use. Handle with care. Wear protective gloves and eye/face protection: Chemical splash goggles or face shield. Use chemical-resistant, impervious gloves. Wash thoroughly after handling. **USE ENTIRE CONTENTS ON OPENING.** This container is not child-resistant once opened.

FIRST AID

Contains: 3-(trimethoxysilyl)propylamine and titanium dioxide.

If swallowed, call a Poison Control Centre or doctor immediately. Get medical attention if symptoms occur. **DO NOT** induce vomiting. If in eyes or on skin, rinse well with water. If on clothes, remove clothes. If breathed in, move person to fresh air.

SEE SAFETY DATA SHEET FOR THIS PRODUCT.

VOC: <2g/L (<0.05% Method 310)

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

EMERGENCY PHONE: CANUTEC (613) 996-6666.

SHIPPING

Land and sea:

Not regulated

PACKAGING

Name	Product Code	Color	Units per box	Units per pallet
STICKYSTONE	60050572	Gray	15	990

TECHNICAL INFORMATION

Property	Test Method	Results
Tensile	ASTM D412	390 psi
Elongation	ASTM D412	420%
Tear Strength	ASTM D624	76 psi
Hardness – Shore A	ASTM C661	60
Skin Time	ASTM C679 (8.4)	10 – 14 minutes
Tack Free Time	ASTM C679	16 – 18 minutes
Lap Shear	ASTM C961	280 psi

LIMITED WARRANTY

Having no control over the use of the products, Techniseal® does not guarantee finished work. Replacement of any defective product shall be the buyer's sole remedy under this warranty. A proof of purchase will be required for any claim. Before using this product, user shall determine the suitability of the product for its intended use, and user alone assumes all risks and liability whatsoever in connection therewith. User shall test product in a small inconspicuous area under projected conditions of use.