



PanelTack™ FoamTape™

ADHESIVE TAPE AND SPACER FOR PANELTACK™ WALL PANEL AND FAÇADE CLADDING SYSTEM

KEY FEATURES

- Provides the first adhesion on the façade panels while the adhesive cures
- Ensures the proper adhesive thickness between the panel and the support structure
- Ensures a strong adhesive bond

DESCRIPTION

FoamTape™ is part of the complete Bostik PanelTack™ wall panel and façade cladding system. It is a double-sided tape, used specifically for discreet bonding of façade and decorative panels and cladding systems for interior and exterior applications. FoamTape™ serves as a spacer for the adhesive bead, to ensure the proper adhesive thickness between the panel and the support structure. FoamTape™ provides an initial fixation of the panel or substrate until the PanelTack HM™ adhesive has cured, while ensuring a strong, lasting bond. FoamTape™ is suitable for use with various panels and wall cladding materials, including gauged porcelain tile panels, high pressure laminate (HPL), aluminum composite materials (ACM), pressed mineral wool (PMW), fiber cement boards (FCB), concrete, porcelains, ceramics, porous substrates and other natural materials. The complete PanelTack™ System includes Primer PanelTack™, FoamTape™, PanelTack HM™ and other PanelTack™ primers. Please refer to each product's Technical Data Sheet for a comprehensive list of approved substrates.

PRODUCT FEATURES

- Designed for interior and exterior use
- Instant, high-strength bond
- Easy to use
- No drilling required
- Discreet attachment method
- Faster than mechanical fastening methods

DIRECTIONS FOR USE

All substrates must be firm, clean, dry, dust-free and grease-free. Do not apply in windy conditions. Do not apply during rain, frost, misty conditions, or risk of dew, as this will result in surface condensation. Install PanelTack™ at temperatures between 40°F and 85°F (5°C and 30°C). Always ensure adequate ventilation during installation.

Always do a test area to ensure product satisfaction, including adhesion to substrate, and/or to become familiar with proper application techniques prior to use. It is the user's responsibility to determine the condition and suitability of all surfaces before application. All panels must be in ideal condition to ensure a proper bond. Refer to the panel



manufacturers' Technical and Safety Data Sheets prior to use. DO NOT USE the panel under the following conditions:

- Contains damage, intolerable curving or warping
- Contains incorrect pretreatment or primer on the bonding surface
- Incorrect alignment of the PanelTack™ primers with the primer contact points on the support structure
- If the surface to be bonded is not sufficiently dry
- If it is incompatible with the bonding system

Panels should be flat before bonding, particularly for larger panels, which require even greater care in terms of handling and storage. Contact the panel manufacturer with any questions or concerns regarding the panels themselves.

Read and understand technical and safety data sheets completely before beginning installation. Follow application installation standards and local and international building code. Refer to www.bostik.com/us for the most recent product information and safety data sheet prior to installation.

APPLICATION INSTRUCTIONS

PanelTack™ FoamTape™ is part of a complete system for bonding wall panels and façade cladding.

1. In order to apply FoamTape™ correctly, consider the dimensions of the structure profile, its location, and the size of the panel to be mounted.
2. After the primer has been applied on the support structure and is completely dry, apply FoamTape™ continuously and vertically along the entire structure profile.
3. Depending on the type of support profile and the use of a joint profile, the FoamTape™ should be placed as follows:
4. For end and intermediate supports (approx. 4 in or 10 cm): Apply a single strip of FoamTape™ along one of the edges. A minimum of 3/8" (10 mm) must be left for a single line of adhesive.
5. For the vertical joint between two panels (approx. 2 in or 5 cm): Apply two strips of FoamTape™ on both sides of the support profile, each just slightly before the edge of the panel. A minimum of 3/8" (10 mm) must be left for the adhesive, between the tape and the edge of the support profile. This avoids the risk of the adhesive being pushed away from underneath the panel into the joint between the two panels.

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6. FoamTape™ should be applied so that it allows a minimum of 3/8" (10 mm) distance from PanelTack HM™, creating sufficient space for the adhesive to "flow" to all sides when pressing the panel. NOTE: If the adhesive bead is applied too close to the FoamTape™, there is a risk that adhesive will run over the tape when the panel is pressed, resulting in insufficient adhesion of the FoamTape™. NOTE: PanelTack HM™ should not be applied too close to the edge because the adhesive bead might roll over the edge.
7. Press FoamTape™ firmly into the profile as you apply it. Cut the tape once the end of the structure profile is reached. Avoid pressing pieces of FoamTape™ together, as this compromises the adhesion strength for the panels. Dispose of any FoamTape™ that was adhered jointly to itself or unintended surfaces.
8. Do not remove the protective film until just before the installation of the panel, immediately after PanelTack HM™ has been applied. Once FoamTape™ and PanelTack HM™ have been applied, the panel should be installed within 10 minutes (open time). If left open for longer, the adhesive may start to cure, resulting in a skin formation on the adhesive. Skin formation will result in insufficient final adhesion.
9. DO NOT work longer than 10 minutes ahead when applying adhesive (typically one panel). Only for small panels is it possible to apply the adhesive for several panels at once.
10. Once the PanelTack™ products have been applied, avoid touching the exposed adhesive and pretreated surfaces, as this may adversely affect the final adhesion.

NOTE: Please reference each product's Technical Data Sheet for further details regarding approved substrates and appropriate application guidelines. Given the variety of panels present in the market, it is recommended that you consult with the panel manufacturers, the Bostik Technical Service Department or your Sales Representative before installation if you have questions or concerns.

STORAGE

Store in a cool, dry area not affected by freezing or hot temperatures (40°F to 77°F, or 5°C to 25°C). Shelf life is one year from date of manufacturing in unopened packaging.

PACKAGING

82 ft (25 m) per roll, 20 rolls per case.

VOC

0 g/L (as calculated per SCAQMD 1168).

CLEAN UP

Clean all tools and equipment with soap and water. Do not allow material to adhere to unintended surfaces.

LIMITATIONS

- Not suitable for use without a complete PanelTack™ system.
- PanelTack™ products are not suitable for use on the front of wall panel and façade cladding materials.
- Do not use FoamTape™ that has become compromised by adhering jointly to itself or unintended surfaces.
- Not suitable for use in a "dotting and spotting" method.
- Confirm structure is stable for applying a ventilated façade system.
- Confirm panel lengths are suitable for system components and building codes.
- Maintain an air gap of 3/4" (2 cm) or greater between the panel and the next component of the wall system. Do not block the ventilation of the façade system to allow for continuous airflow.

NOTE: Prior to installation, apply PanelTack™ to a test area to become familiar with the application and to ensure product satisfaction. It is the user's responsibility to determine the condition and suitability of all surfaces before application.

TYPICAL PHYSICAL PROPERTIES

Thickness	1/8" (3 mm)	
Width	1/2" (12 mm)	
Foam Chemistry Type	Physically cross-linked polyolefin foam	
Film Chemistry Type	Silicone-coated film	
Density	Approx. 50 g/L	
Comprehensive Strength at 10% Stress	Approx. 33kPa	
Application Temperature	40°F to 95°F (5°C to 35°C)	
Shear Strength	Approx. 0.27 N/mm ²	
Tensile Strength	Approx. 0.27 N/mm ²	
Color	Black	
Use Environments	<ul style="list-style-type: none"> • Façades • Claddings • Parapets 	<ul style="list-style-type: none"> • Roofs • Awnings • Balustrades
Substrates	<ul style="list-style-type: none"> • Aluminum 	<ul style="list-style-type: none"> • Stainless Steel
Cladding Panel Types	<ul style="list-style-type: none"> • Gauged porcelain tile panel • High-pressure laminate (HPL) • Aluminum composite materials (ACM) • Pressed mineral wool (PMW) 	<ul style="list-style-type: none"> • Fiber cement board (FCB) • Concrete • Porcelain • Ceramic • Porous substrates • Other natural materials

Given the variety of uses for our products, the instructions contained in this document are provided for illustrative purposes. We advise our customers to ensure that the product meets the intended use, taking responsibility for its use in each case.

SDS STATEMENT

Always refer to the Safety Data Sheet (SDS) prior to use for proper handling, clean up and spill containment. SDS documents are available at www.bostik.com/us. There is no SDS for FoamTape™ (article), though, there are SDS's for the PanelTack™ primers and PanelTack HM™.

LIMITED WARRANTY

The PanelTack System warranty requires completion and submittal of the PanelTack Jobsite Log, available at bostik.com/us. Limited Warranty found at www.bostik.com/us or call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK HOTLINE

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1-800-726-7845

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