



PanelTack™ Wall Panel & Façade Cladding System

TECHNICAL INFORMATION AND INSTALLATION GUIDE



Chase Center
San Francisco, CA

T090151_07/220



Hotel Sofitel
Mexico City, MX

Proven Innovation. Smart Adhesives. Welcome to Bostik.

Bostik is one of the largest adhesive and sealant companies in the world, designing, manufacturing and marketing bonding solutions within a variety of Global Business Units—and **a leading world specialist in adhesives, sealants and fillers for use in the construction industry.** We have more than 6,000 employees worldwide, with 14 Research & Development centers in over 50 countries. With over 130 years in developing innovative bonding solutions that make our products more intelligent and user-friendly, we're committed to the cause of making the jobsite and your daily life that much easier.

For decades, Bostik's products have created literal bonds between surfaces and building components, all while supporting distinctive design. Together, with our parent company, Arkema, that bond is reinforced.

A global leader in specialty chemicals and advanced materials, France-based Arkema is

building the future of the chemical industry every day. Bostik is well positioned as part of Arkema's High Performance Materials segment, alongside brands like Kynar® fluoropolymer coatings, the Rilsan® high-performance polyamides family, and Plexiglas® acrylic sheet and resin products.

Adding to our expansive portfolio of bonding solutions for construction, we are pleased to introduce our **new PanelTack™ System of Wall Panel and Façade Cladding Adhesives**, available for both interior and exterior use. Our trusted line of innovative products is fully adapted to an extensive assortment of substrates and panel materials, suitable for any environment.





La Quinta
Dallas, TX

AN INDUSTRY LEADER IN DISCREET WALL PANEL AND FAÇADE CLADDING SOLUTIONS

Bostik has been a leader in the field of wall cladding and panel bonding with the PanelTack™ system for more than 30 years, with proven performance to highlight our knowledge, experience, and innovation on a global scale.

Wall cladding has gained popularity in recent years for its durability, energy-saving benefits, the ease, speed and cleanliness of installation, and for a seamless aesthetic look. The adhesive system prevents the panels from sagging under their own weight, and they absorb cyclical expansion and contraction due to environmental changes, such as wind, temperature, and humidity. Wall panel and façade cladding materials such as gauged porcelain tile panels, high-pressure laminate (HPL), aluminum composite materials (ACM), pressed mineral wool (PMW), fiber cement boards (FCB), porcelain, ceramic, concrete, porous substrates and other materials, to name a few, are able to absorb wind loads and ensure a lasting bond under extreme conditions.

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.

WHY CHOOSE A WALL PANEL OR FAÇADE CLADDING SYSTEM?

With its vast design capabilities and reduced energy consumption, wall panel and façade cladding is prevalent in large, state-of-the-art applications, such as in the new construction of hospitals, schools, stadiums and various

other commercial and residential buildings. The benefits of a façade system are also ideal for retrofitting over existing building exteriors, as well as for smaller or more decorative projects that can complement an existing design or construction. With panels in an extensive range of sizes and materials that can imitate or complement the appearance of numerous building aesthetics, the overall look of any building can change dramatically.

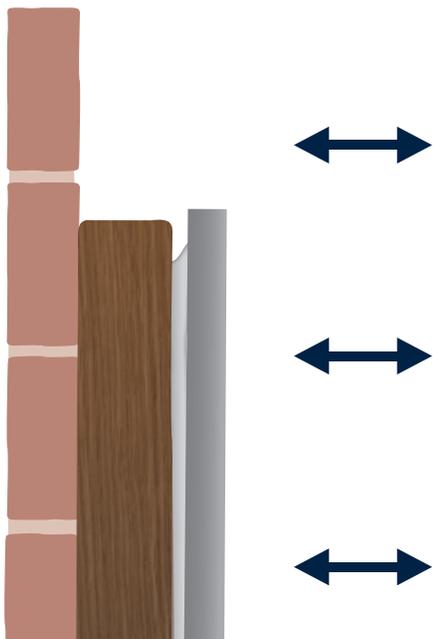
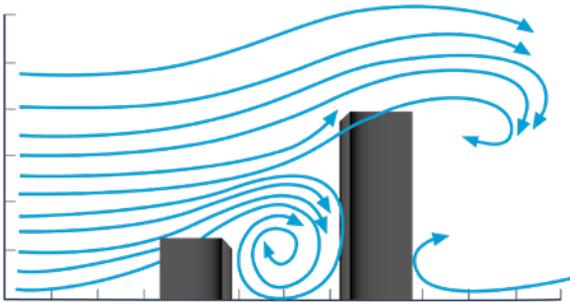
MORE BENEFITS TO A BONDED WALL PANEL OR FAÇADE CLADDING SYSTEM:

- A discreet attachment method for an aesthetically pleasing look
- Energy-efficient cladding systems have higher thermal resistance and fewer thermal breaks
- The elastic adhesive is more resistant to vibrations and tremors
- No cold bridges
- A bond that is able to absorb pressures and tensile forces due to wind
- Favorable stress distribution
- No unsightly screws that eventually lead to dirty stripes
- No electricity required on site
- No dust and noise caused by drilling and fastening
- No weakening of the panel (remains whole with no drilling required)
- Thinner wall panels can be used
- Quick and easy adhering method
- Interior and exterior use

WIND LOAD

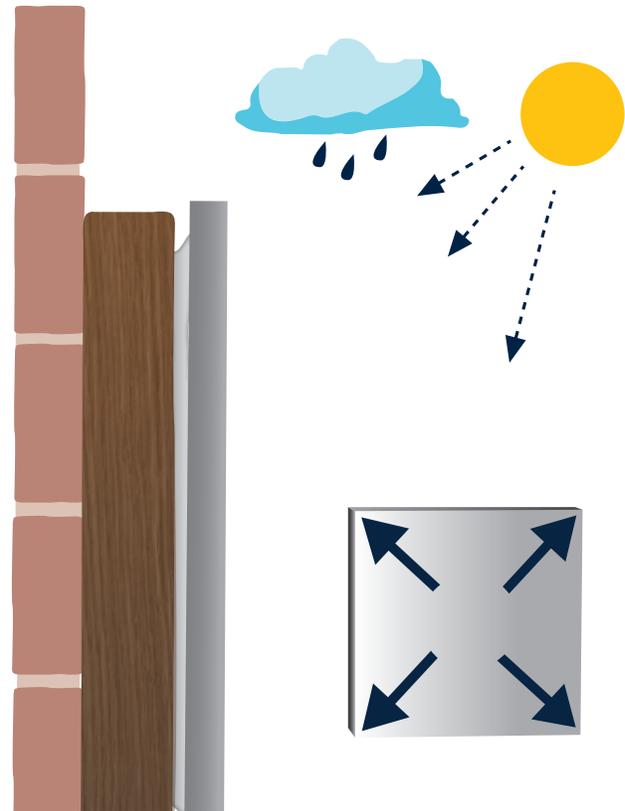
Wind and air movement can compromise a building's exterior components. When a building is blocking wind, the moving air will reach a standstill, causing immense pressure and wind suction, called wind load. Wind load is stronger at the edges and corners of a building than at the center of a façade. The bond of your wall panel system not only must absorb these tensile forces, but the distances between the support profiles may also need to be reduced. The tried-and-true products in the PanelTack™ system offer the strength and stability you need to absorb wind load in almost any environment. Unlike mechanical fastening that only has limited interfaces where the fasteners meet the panel and structure, the continuous bond of the PanelTack™ system not only reduces wind-induced vibration that can be heard inside the building, but also displaces the stress from winds more evenly than a heavy-stress point created by mechanical fasteners.

The wind load is calculated on the basis of Eurocode 1 part 1-4, (EN 1991-1-4). The pressure values depend on the height of the building, the geographic location of the building, and the environment the building is in (i.e. whether or not the building is surrounded by other buildings).



THERMAL EXPANSION AND CONTRACTION

When exposed to the sun, wall panels will heat up and cause expansion while the support structure remains largely unaffected. Inversely, the same effect happens due to excessively cold environments. High pressure laminate (HPL) panels in particular are susceptible to thermal expansion and humidity. Thermosetting resins and wood fibers are influenced by temperature (thermal expansion), and also by moisture (hygric expansion). Other panels, such as fiber cement boards, pressed mineral wool and aluminum composite, are less affected by these influences. Our PanelTack HM™ adhesive contains high elasticity to fully absorb panel movement caused by heat and humidity. Additionally, the continuous bead of adhesive provides better thermal insulation by reducing instances of thermal or cold bridges.



SEISMIC TREMORS/EARTHQUAKES

The elastic bond of PanelTack HM™ has the ability to absorb some vibrations caused by instances of heavy traffic and seismic movements.

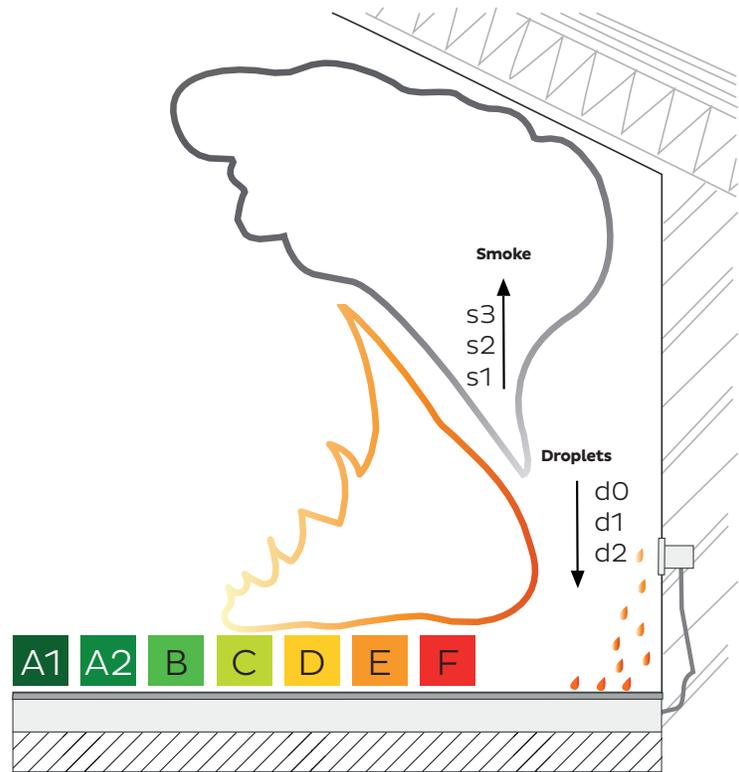
FIRE RESISTANCE AND FIRE SAFETY

Fire resistance is based on a construction's influence on the start of and contribution to a fire. The European classification according to EN 13501-1 distinguishes seven main classifications (A1, A2, B, C, D, E and F), with the following two additions:

- “Class s” for smoke development (s1, s2, and s3, where s1 is the highest sub-classification).
- “Class d” for the formation of burning drops and particles (d0, d1, and d2, where d0 is the highest sub-classification).

Every component of a construction determines the result, such as the panels, the support construction, the installation method, and any insulation material used. With regards to the support structure construction, aluminum is non-flammable with a melting point of about 1,202°F (650°C). The most determining factor, however, is the panel itself. Mineral wool and porcelain tile tends to be the preferred material with a class A1 or A2 rating. Bostik has conducted various fire tests showing that, regarding fire safety (fire classification according to EN 13501-1), legal requirements can be met.

Fire resistance is the ability of a building system to meet the requirements relating to fire stability, flame resistance, and thermal insulation for a certain period of time. The cladding/ façade panel determines the overall performance of the PanelTack™ system with regard to fire resistance.



- A1** **A1** - No contribution during a fully developed fire
- A2** ^{s1,2,3}_{d0,1,2} **A2** - Limited contribution during a fully developed fire
- B** ^{s1,2,3}_{d0,1,2} **B** - No flashover at the start of a fire
- C** ^{s1,2,3}_{d0,1,2} **C** - Flashover 20 minutes after the start of the fire
- D** ^{s1,2,3}_{d0,1,2} **D** - Flashover within 10 minutes after the start of the fire
- E** -, d2 **E** - Flashover within the first 2 minutes of the start of the fire
- F** **F** - Direct flashover

European classification: 'MATERIAL BEHAVIOR IN CASE OF FIRE'	CONTRIBUTION TO FIRE	
	Safety	Practice
A1	No contribution	Incombustible
A2	Hardly any contribution	Practically incombustible
B	Very limited contribution	Very hard combustible
C	Big contribution	Combustible
D	High contribution	Well combustible
E	Very high contribution	Very combustible
F	Dangerous contribution	Extremely combustible

Welcome to PanelTack™

Your complete solution for façade and wall panel cladding

The complete PanelTack™ System includes Primer PanelTack™, FoamTape™, PanelTack HM™ and other PanelTack™ primers. These products work together in a simple step-by-step process that ensures permanent and comprehensive coverage for a seamless, durable and decorative finish.

THE ADHESIVE

PANELTACK™ HM™

PANELTACK™ ADHESIVE



PanelTack HM™ is a homogenous, highly elastic, smooth adhesive that provides a continuous bond of the panel to the support structure. PanelTack HM™ is suitable for use with various panels and wall cladding materials, including gauged porcelain tile panels, some high-pressure laminate panels (HPL), aluminum composite materials (ACM), pressed mineral wool (PMW), porous substrates, fiber cement boards (FCB), concrete, porcelain, ceramic and other natural materials.

Specs

Coverage	Approx. 40 linear feet (12 m) per 20 oz sausage
Packaging	20 oz per sausage, 12 sausages per case

THE TAPE

PANELTACK™ FOAMTAPE™

ADHESIVE TAPE AND SPACER



FoamTape™ is part of the complete PanelTack™ system and 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 almost any 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, porcelain, ceramic, porous substrates and other natural materials.

Specs

Packaging	82 ft (25 m) per roll, 20 rolls per case
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THE PRIMERS

PRIMER PANELTACK™

MULTI-PURPOSE PRIMER AND CLEANER



Primer PanelTack™ is a multipurpose cleaner and primer used on the back of façade and decorative panels, and on aluminum and stainless steel support constructions. With high coverage and a 10-minute quick drying time, Primer PanelTack™ is suitable for use with various panels and wall cladding materials, including mesh-backed GTPP, high-pressure laminate (HPL), aluminum composite materials (ACM), and other materials.



Specs

Coverage	Approx. 350 ft ² (approx. 32.5 m ²)
Packaging	16.9 fl oz (500 mL), 6 cans per case

PRIMER MSP™

PRIMER FOR FIBER CEMENT BOARDS, MINERAL AND POROUS WALL PANELS



Primer MSP™ is suitable for use with various panels and wall cladding materials, including some fiber cement boards (FCB), pressed mineral wool (PMW), natural stone, ceramic and porcelain tiles, brick and concrete cladding panels.



Specs

Coverage	Approx. 20–40 ft ² (approx. 1.8 to 3.7 m ²)
Packaging	16.9 fl oz (500 mL), 6 cans per case

PRIMER Q™

PRIMER FOR POROUS WALL PANELS



Primer Q™ is a transparent polyurethane suitable for use with various panels and wall cladding materials, including some fiber cement boards (FCB), porous substrates, and other materials.



Specs

Coverage	Approx. 20–40 ft ² (approx. 1.8 to 3.7 m ²)
Packaging	33.8 fl oz (1 L), 6 cans per case

PRIMERS

Our line of bond-promoting primers in the PanelTack™ wall panel and façade cladding system have been engineered to ensure a strong bond for almost any panel material or substrate, for both interior and exterior installations. They are versatile, easy to use, and they improve the durable adhesion of PanelTack HM™ and PanelTack™ FoamTape™, making them an integral part in the complete PanelTack™ system.



Coca-Cola FEMSA HQ Mexico City, MX

RECOMMENDED SUBSTRATES AND PANEL MATERIALS

There are various types of substrates on the market, each with their own specific features. The PanelTack™ Wall Panel and Façade Cladding System from Bostik is compatible with the following cladding types and wall panel materials*



Types of Panels	Primer PanelTack™	Primer MSP™	Primer Q™
Gauged Porcelain Tile/Panels, with fibermesh backing	Yes	--	--
Gauged Porcelain Tile/Panels, without fibermesh backing	--	Yes	--
Ceramics	--	Yes, without fibermesh backing	--
Porcelain	--	Yes, without fibermesh backing	--
Natural Stone	--	Yes, without fibermesh backing	--
High Pressure Laminate (HPL)	Yes	--	--
Fiber Cement Boards (FCB)**	--	Yes	Yes
Pressed Mineral Wool (PMW)	--	Yes	--
Polyester**	--	--	--
Aluminum Composite Materials (ACM)	Yes	--	--
Enameled Glass**	--	--	--
Porous Substrates	--	Yes	Yes
Mineral Substrates	--	Yes	--
Concrete	--	Yes	--
Wood	--	--	--
Types of Installations	Primer PanelTack™	Primer MSP™	Primer Q™
Ventilated Façade Panels	Yes*	Yes*	Yes*
Parapets	Yes*	Yes*	Yes*
Roofs	Yes*	Yes*	Yes*
Awnings	Yes*	Yes*	Yes*
Balustrates	Yes*	Yes*	Yes*
Interior Decoration and Cladding Panels	Yes*	Yes*	Yes*
Types of Construction Profiles	Primer PanelTack™	Primer MSP™	Primer Q™
Raw Aluminum	Yes	--	--
Anodized Aluminum	Yes	--	--
Stainless Steel	Yes	--	--
Wood	--	--	--
Rock Panel Strips (PMW)	--	--	--

* Primers can be used in a variety of installations and applications. The selection of the proper primer will depend on the type of panel to be installed.

**Contact Technical Service regarding the brands approved for use with this product.

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, refer to local building code for requirements, the Bostik Technical Service Department or your Territory Sales Manager before installation if you have questions or concerns.

PRIOR TO INSTALLATION

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). Once the PanelTack HM™ adhesive has 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. Refer to each product's Technical Data Sheet for recommended installation conditions. 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 with 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.



CLEAN & PRIME THE METAL SUPPORT STRUCTURE

Use Primer PanelTack™ to ensure a clean surface on all metal support structures before applying PanelTack HM™ or FoamTape™. If left uncleaned, dirt, grease or other residue, such as remnant shipping materials, particles, or dust from the production of the panel itself, etc., will result in an insufficient bond. NOTE: As Primer PanelTack™ is an all-in-one cleaner and primer, cleaning the support structure serves as priming the support structure in one step.

1. Remove any large debris with a dry brush or cloth.
2. Using a clean, dry, lint-free cloth, soak it partly with Primer PanelTack™.
3. Rub the cloth firmly over the support structure in one consistent layer. NOTE: Make sure that the debris is wiped off the surface and not spread over the surface to be bonded.
4. Do not try to clean more surface than can be bonded in six hours. This helps prevent contamination of the cleaned surfaces.
5. Let the cleaner dry completely, approx. 10 minutes. Contrary to the application of a primer, a surface can be cleaned with Primer PanelTack™ twice.

CLEAN ALL FAÇADE OR WALL CLADDING PANEL SURFACES

Make sure the backside of all wall panels or substrates is clean before applying the primers, PanelTack HM™ or FoamTape™. If left uncleaned, dirt, grease or other residue, such as remnant shipping materials, particles, or dust from the production of the panel itself, etc., will result in an insufficient bond.

1. Remove any large debris with a dry brush or cloth.
2. Using a damp cloth, rub over the area of the panel that will be bonded to the structure, over the entire height of the panel, in a sufficiently wide spread. NOTE: Make sure that the debris is wiped off the surface and not spread over the surface to be bonded. Do not leave standing water on the back of the panel.
3. Do not try to clean more surface than can be bonded in six hours. This helps to prevent contamination of the cleaned surfaces.



PRIME THE FAÇADE OR WALL CLADDING PANEL

After cleaning all the surfaces, Primer PanelTack™, Primer MSP™ and Primer Q™ can be applied over their approved panels or substrates.

1. Ensure the correct primer for the panel material being used. Reference the Recommended Substrates and Panel Materials chart in this guide, or reference each product's Technical Data Sheet for a full list of approved materials.
 - a. Apply Primer PanelTack™ to the cladding panel or substrate using a clean, dry, lint-free cloth where the panel will come into contact with the PanelTack™ adhesive.
 - b. Apply Primer MSP™ or Primer Q™ to the cladding panel or substrate in one consistent layer using a brush or paint roller where the panel will come into contact with the PanelTack™ adhesive.
2. Allow the primer to dry completely (at least 10 minutes for Primer PanelTack™; 60-90 minutes for Primer MSP™; 2 hours for Primer Q™.)



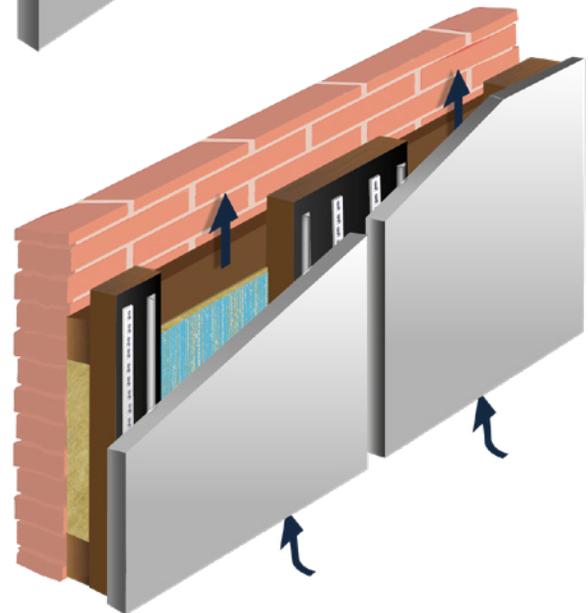
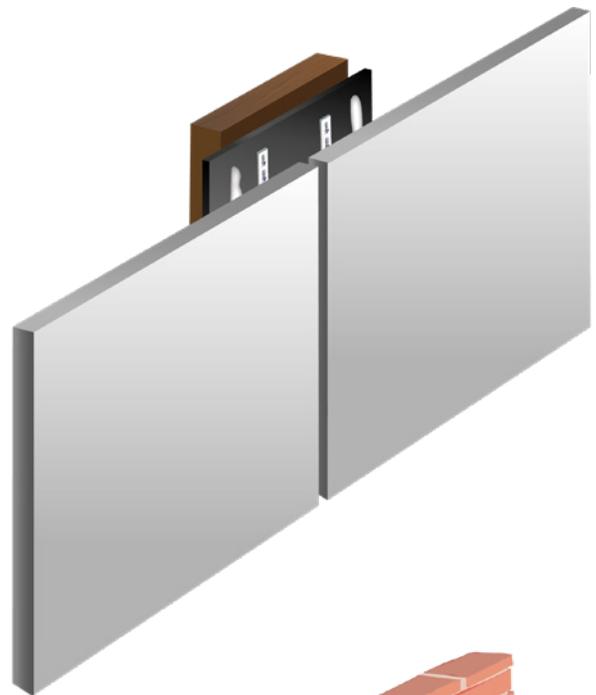
APPLY PANELTACK™ FOAMTAPE™

1. In order to apply PanelTack™ 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:
 - a. For end and intermediate supports (approx. 4" [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.
 - b. 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.

4. 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.

5. 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 substrates.

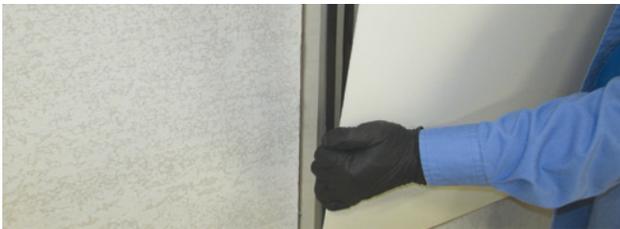
6. Do not remove the protective film until just before the installation of the panel, immediately after PanelTack HM™ has been applied.





APPLY PANELTACK HM™ ADHESIVE

1. After PanelTack™ FoamTape™ has been applied, apply PanelTack HM™ vertically and continuously, from top to bottom.
2. Cut the PanelTack™ HM sausage tip and insert it into an air pressure gun, electric caulking gun or sausage gun. Screw on attached V-notch applicator tip to make a triangular strip with a width and height of 3/8" (10 mm). Apply the adhesive on one surface only at a 90° angle relative to the substrate for optimum bead size and shape.
3. PanelTack HM™ should be applied a minimum of 3/8" (10 mm) distance from FoamTape™, 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.
4. DO NOT work longer than 10 minutes ahead when applying adhesive (typically one large panel). Only for small panels is it possible to apply the adhesive for several panels at once.



INSTALL THE PANEL

1. Once the PanelTack HM™ adhesive is applied, remove the silicone-coated film on PanelTack™ FoamTape™ just before mounting the panel.
2. The panel should be installed within 10 minutes (open time) of applying the adhesive. If left open for longer, the PanelTack HM™ adhesive may start to cure, resulting in a skin formation on the adhesive. Any skin formation will result in insufficient final adhesion.
3. Once the panel is positioned correctly, press firmly and rub gently where it comes into contact with the FoamTape™.

CLEAN UP

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

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.

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.

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.

DANGER

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. FOR PROFESSIONAL USE ONLY. NOT LABELED FOR CONSUMER USE. KEEP OUT OF REACH OF CHILDREN.

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.

PANELTACK™ INSTALLATION CHECKLIST

The following shows a brief description of each step of the PanelTack™ installation process. Use this installation checklist as a guide while you are on the jobsite.

PanelTack™ Installation Quick-Guide and Checklist

Check the condition of the products

- The PanelTack™ materials were adequately stored
- The PanelTack™ materials have not expired
- The wall panels and facades were adequately stored
- The wall panels and facades are free of damage, curving or warping, and moisture

Check the worksite conditions

- Download the PanelTack™ Jobsite Log at www.bostik.com/us. Complete the form and submit with pictures to your Bostik representative
- The weather forecast is permissible for installation
- The temperature, relative humidity and dewpoint are ideal for installation (NOTE: Reference the temperature and humidity chart in this guide for acceptable conditions)

Check the construction

- The building construction is sound
- There is sufficient ventilation
- The position of the support structure is correct
- The support structure profile is flat

Clean with Primer PanelTack™

- The panels are free from loose debris
- Clean the metal support structures and the appropriate panels with Primer PanelTack™ using a lint-free cloth
- Primer PanelTack™ has dried completely (approx. 10 minutes)
- Do not clean more surfaces than will be used in one day

Apply primer to the wall panels and façade cladding

- For Primer MSP™ and Primer Q™, apply in one consistent layer using a brush or paint roller
- For Primer PanelTack™, apply in one consistent layer using a lint-free cloth

Apply FoamTape™

- The primer has dried completely (at least 10 minutes for Primer PanelTack™; 60-90 minutes for Primer MSP™; 2 hours for Primer Q™)
- Apply FoamTape™ vertically and continuously
- Do not remove the protective film
- Position the FoamTape™ on the support structure profile according to the installation instructions

Apply the PanelTack HM™ Adhesive

- Apply PanelTack HM™ vertically and continuously, from top to bottom
- Use a V-notch applicator tip to make a triangular strip with a width and height of 1/2" (approx. 10 mm)
- Open time for PanelTack HM™ is 10 minutes

Install the Wall or Façade Cladding Panel

- The wall panels and facades are free of damage, curving or warping, and moisture
- Primer PanelTack™ cleaner is dry
- Primer is dry
- Remove protective film of FoamTape™
- Place the panel carefully on a temporary support batten
- Tilt and position the panel carefully
- Press the panel in place by gently rubbing on the FoamTape™
- Submit the PanelTack™ Jobsite Log and pictures to your Bostik representative

PanelTack™ Case Studies

CHASE CENTER

A key element in the aesthetics of Chase Center, located in San Francisco, CA, is the white façade made with Neolith™ panels, and attached using a combined mechanical and chemical system. The chemical attachment was applied with Bostik's PanelTack™ HM, allowing the installation to be more practical, faster and stronger than traditional methods.

FACTS & FIGURES

- 18,064-seat venue housing an arena, practice facility and basketball operations offices under one roof
- 100,000 square feet of mixed use/retail space on 11 acres
- 17,000 tons of steel was erected



LIVERPOOL SHOPPING CENTRE

Liverpool Shopping Centre Toluca Gallery is notable for its modern dynamic design, a curved facade with a wood texture that has become a landmark in the world of ventilated façade systems. PanelTack™ helped accomplish the architects vision of using a façade with an organic design inspired by the geography and topography of the valley of Toluca Mexico.

FACTS & FIGURES

- Installed with a ventilated façade system using curved frames specially made for the project
- PanelTack™ Façade Cladding System for the high pressured laminate (HPL) installation
- Installation was completed on time and under budget because of the time saved using PanelTack™



LA QUINTA INN & SUITES

La Quinta Inn's across the US and Mexico are undergoing extensive renovations. The phased program includes 200 hotels intended to elevate the brand and deliver a consistent, modern aesthetic. PanelTack™ is making a positive impact on this extensive project, as it is ideally suited for the hotel chain's retrofit work.

FACTS & FIGURES

- PanelTack™ allows the use of very thin gauged porcelain panels minimizing the weight added to an existing building
- Installation time was 60% less than mechanical fastened systems
- Installation costs were half the price of mechanical fastened systems

