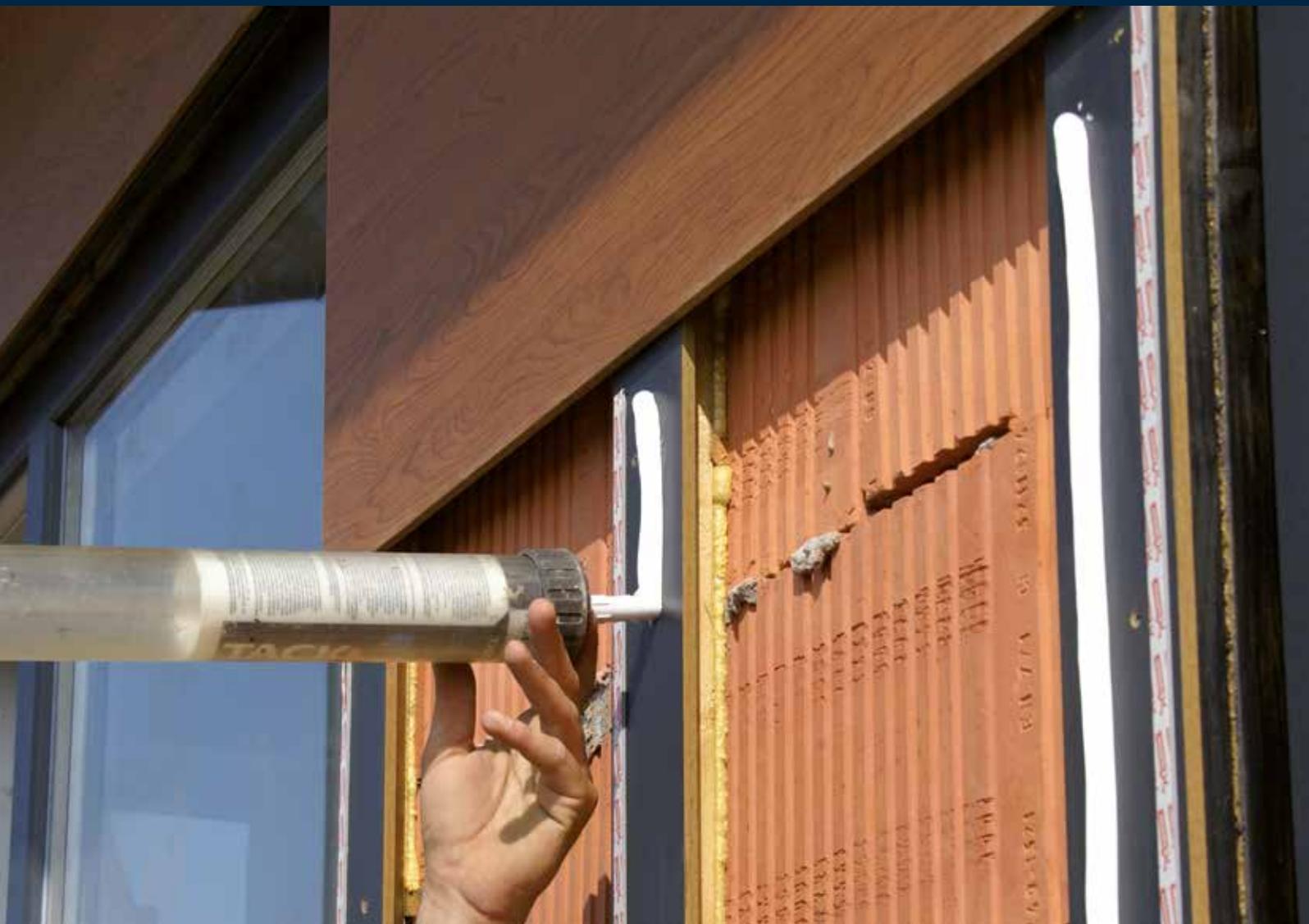




Wall cladding panel engineering

PROFESSIONAL ADHESIVE SYSTEMS FOR
EXTERIOR WALL CLADDING PANELS



Welcome to the new Bostik

BOSTIK IS A LEADING WORLD SPECIALIST IN ADHESIVES, SEALANTS, FILLERS AND SEALS FOR THE INDUSTRIAL SECTOR, CONSTRUCTION INDUSTRY AND CONSUMERS.

Bostik has a long history of over 125 years in developing innovative solutions that make bonding more intelligent and user-friendly and daily life and work that much easier. We have more than 4,800 employees worldwide in over 50 countries and Bostik can make use of 14 testing and R&D centres.

The slogan 'smart adhesives' reflects the mission of the company, namely the development of intelligent and innovative adhesive solutions that are functional and efficient. The new logo is a green gecko, known for its exceptional adhesive power that allows it to hold onto almost any surface and support its entire body weight with one toe. The gecko symbolises Bostik's intelligent adhesive solutions, which are flexible, efficient and user friendly.

BOSTIK WALL PANEL ADHESIVE

With the Simson brand, Bostik has been an active and innovative player in the field of wall cladding panel bonding for more than 25 years and it leads the field in knowledge, experience and quality.

WHY USE ADHESIVE FOR WALL PANELS?

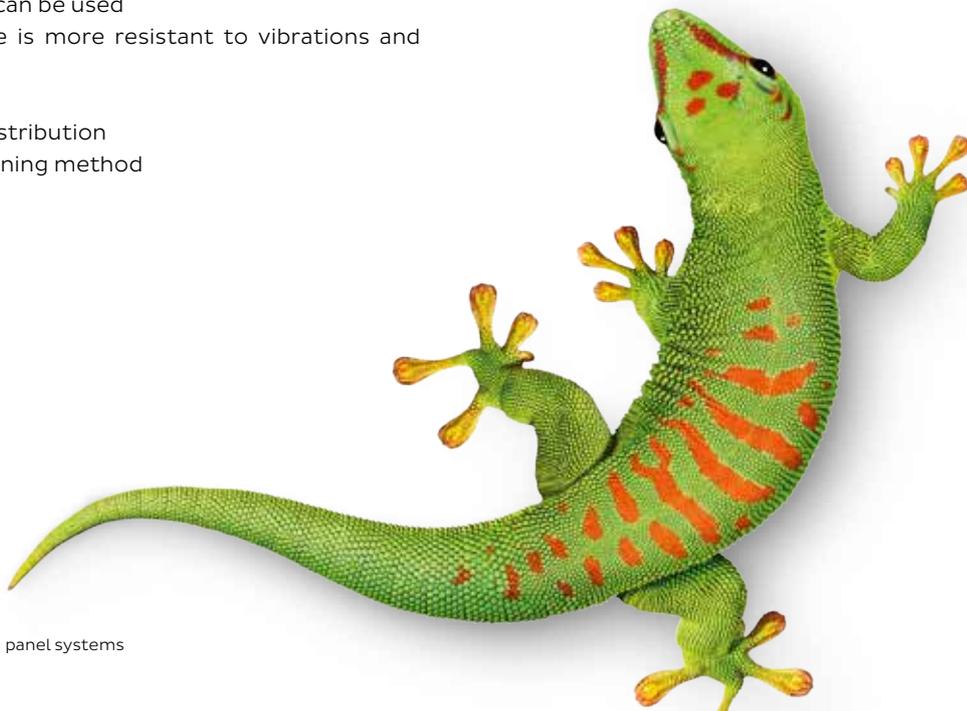
- Blind attachment method (more aesthetic)
- No unsightly screws which eventually lead to dirty stripes
- No electricity required on site
- No dust and noise caused by drilling and screwing
- No weakening of the panel (it is not drilled through)
- Thinner wall panels can be used
- The elastic adhesive is more resistant to vibrations and tremors
- No cold bridges
- Favourable stress distribution
- Quick and easy fastening method

The Simson wall cladding panel systems from Bostik are able to absorb the wind load and ensure a lasting bond under extreme conditions, such as coastal areas and high altitudes for years to come. The adhesive systems prevent the panels from sagging under their own weight and absorb cyclical expansion and contraction due to temperature and humidity changes.

There are various types of wall panels on the market, each with its own specific features, such as:

- HPL plastic
- Fibre cement
- Compressed mineral wool
- Polyester
- Aluminium Composite
- Ceramics
- Natural stone
- Enamelled glass
- Etc.

The purpose of this brochure is to acquaint you with the brand new packaging line of our wall panel adhesive systems. In addition, you will see some examples of adhesive systems with which Bostik has over 25 years of experience, and which are fully adapted to the type of panel material, namely fibre cement boards, pressed rock wool and HPL panels. For that reason, the Bostik range includes several sophisticated products for a durable adhesive system with most types of wall cladding panels.





Bostik presents

THE NEW PACKAGING LINE FOR WALL CLADDING PANEL ADHESIVES

WE ARE READY!

Bostik presents its new corporate identity for the Simson wall cladding panel adhesives. The product's composition and its processing properties haven't changed at all. The new packaging is highly recognisable, thanks to the dark blue colour with the green gecko on it. The packaging shows colour systems, icons, illustrations, processing and the main product benefits.

www.bostik.nl - www.bostik.be

ETERNIT EQUITONE GLUED WITH PANELTACK HM

Eternit provides a comprehensive range of sustainable and environmentally friendly cladding materials. It is easy to install in the form of a lightweight rainscreen gable and is the perfect solution for construction and renovation.

ETERNIT EQUITONE CLADDING PANELS

Equitone has a worldwide reputation for architectural cladding materials. The name Equitone is a reference to the texture and unique feel of fibre cement. Fibre cement is a mineral composite material with excellent physical and aesthetic properties. The range of wall cladding panels includes Natura, Pictura, Textura, Linea and Tectiva.

In collaboration with Eternit, Bostik BeNeLux offers an All Risk guarantee in Belgium and The Netherlands for added security when installing Equitone cladding panels with Simson PanelTack HM. Detailed information about this can be found in the special warranty leaflet. Substructure: wood or aluminium. Please note that, inter alia:

- correct dimensions width for joints 95 mm, end and intermediate supports 45 mm
- maximum centre to centre distance for supports
- ventilation

CERTIFICATION

Included in the KOMO certification SKG 0176.7094.02

	0-10 m	10-20m	20-50 m
Building height	0-10 m	10-20m	20-50 m
Minimum cavity width	20 mm	25 mm	30 mm

CEDRAL BOARD

Eternit has a custom-designed solution for durable and low-maintenance cladding strips and for finishing eaves. The material is rigid, water and rot resistant and has a very long life and is also suitable for tasks such as finishing dormer windows, eaves and ceilings. Restrictions with regard to height (10 metres) and max. centre to centre distance (400 mm).

Due to the high elasticity of the adhesive, maximum panel sizes can be glued.

THE ADHESIVE SYSTEM CONSISTS OF:

- PanelTack HM elastic adhesive.
- Primer SX Black primer for wood supporting structures.
- Prep M primer for metal supporting structures (aluminium or galvanised steel).
- Double-sided adhesive FoamTape 12 x 3 mm for fixing plates and as a spacer.
- Primer MSP: primer for Natura, Pictura and Textura.
- Primer Q: for Tectiva and Linea.

USERS' INDICATION

SURFACE ETERNIT PANEL	QUANTITY 100 M ²	PACKAGING
Simson PanelTack HM	50	Cartridge 290 ml
Simson Primer Q	3	Bottle 1000 ml
Simson Primer MSP	3	Can 500 ml



ROCKPANEL GLUED WITH TACK-S

ROCKPANEL panel material, used mostly in ventilated constructions, for finishing cladding and detailing around the roof, is made of basalt rock. The robust but flexible sheet material is perfectly suited to contemporary trends such as organic shapes and sustainability.

Bostik has developed the elastic adhesive system Rockpanel Tack-S especially for and in collaboration with Bostik. The product is suitable for bonding (only) Rockpanel for façade cladding, fascias, eaves, ceilings and canopies. The adhesive system is suitable for both aluminium and woodbearing Rockpanel strips.

CERTIFICATION

- Included in the European Approval (European Technical Approval) ETA 07/0141 of Rockpanel® panels.
- Included in IKOB-BKB CERTIFICATE NL affiliation document with the ETA- 07/0141, no. IKB1718.
- Glued Rockpanel boards, of the type Colours of AG 8 mm fall in the European fire class B-s2, d0.

THE ADHESIVE SYSTEM CONSISTS OF:

- Rockpanel Tack-S elastic adhesive.
- Primer MSP primer for the back of the Rockpanel board material.
- Liquid 1 cleaner for the surface of Rockpanel strips.
- Prep M primer for the surface of the aluminium support structure.
- FoamTape assembly tape for fixing, which also serves as a spacer.

USERS' INDICATION

SURFACE ROCKPANEL BOARD	QUANTITY 100 M ²	PACKAGING
Simson FoamTape	12	25 meter roll
Simson Rockpanel Tack-S	50	Cartridge 290 ml
Simson Primer MSP (back of Rockpanel)	6	Can 500 ml
Simson Liquid 1 (Rockpanel strip)	1	Can 1000 ml
Simson Prep M (metal)	2	Can 1000 ml



TRESPA METEON (FR) GLUED WITH PANELTACK

HPL Trespa Meteon panels don't just provide visual beauty. They have a durable aesthetic quality, thanks to intensively tested materials. So today's vision will remain tomorrow's reality. The elements are perfectly suited for use in innovative and functional ventilated cladding systems. Suitable for both separate use or as a design accent in combination with other materials.

CERTIFICATION

- Included in the KOMO certification SKG 0176.6720.02
- Bonded Trespa Meteon standard falls into the European fire class D, s2, d0
- Bonded Trespa Meteon® FR falls into the European fire class B, s2, d0

SUBSTRUCTURE: WOOD OR ALUMINIUM.

Please note that, inter alia:

- correct dimensions width for joints 95 mm, end and intermediate supports 45 mm
- maximum centre to centre distance for supports
- ventilation (continuous air gap of min. 20 mm and ventilation openings of 50 cm²/m¹)

Up to 6 m, the following maximum centre to centre distances recommended for the supports:

Panel thickness in mm	6	8	10
2 supports	450	600	550
3 or more supports	550	750	700

Horizontally mounted panels have a maximum base of 2550 at a height of 1200 mm. Upright panels have a maximum height of 3050 mm with a base of 1300 mm.

THE ADHESIVE SYSTEM CONSISTS OF:

- PanelTack highly elastic adhesive.
- Primer SX Black primer for wood supporting structures.
- Easy Clean Wipes (ECW) or Primer PanelTack for pre-treatment of the adhesive side of the cladding panels.
- Primer PanelTack: primer for metal supporting structure.
- FoamTape 12 x 3 mm for fixing the plates and as a spacer.

USERS' INDICATION

SURFACE TRESPA PANEL	QUANTITY 100 M ²	PACKAGING
Simson PanelTack	50	Cartridge 290 ml
Simson Primer PanelTack	3	Can 500 ml
Simson Easy Clean Wipes*	20	Bags



Gluing cladding panels

1 PRIME SUPPORT PROFILES

Wood: Apply Primer SX Black in one closed layer. After application, leave to dry for at least 60 minutes. Check the moisture of the wood, which must be max. 18%. Use preferably impregnated and dried wood. If pre-primed battens on the site are contaminated, they should be cleaned with Cleaner I or Liquid 1. **Aluminium:** Prep M or Primer Paneltack. **Rockpanel stripes:** cleaning with Liquid 1.

2 APPLY FOAMTAPE

Once the primer is dry, apply Simson Foam Tape to the support construction vertically and continuously. Press firmly and cut with a sharp knife. Make sure that there is enough space for the adhesive and tape.

3 PRE-TREATMENT OF CLADDING PANEL

Pre-treat the adhesive side of the wall panels in accordance with instructions. Use Liquid 1 instead of the primers listed below for removing fresh sealant residues, etc.

General guideline:

- Trespa: Primer PanelTack or alternatively Easy Clean Wipes
- Eternit: Primer MSP (Natura, Pictura and Textura) or Primer Q (for Tectiva and Linea)
- Use liquid 1 for removal of sealant residues, etc.

PLEASE NOTE: At all times prevent primer spores from coming into contact with the decorative side at all times, clean hands and remove used primer cloths.

4 INSTALL PANELTACK ADHESIVE WITH SPECIAL NOZZLE

Only apply the glue vertically and continuously. Apply a triangular strip with a width and height of 9 mm using the special V-shaped nozzle. Use PanelTack for Trespa and PanelTack HM for Eternit. (Rockpanel Tack-S for Rockpanel).

5 PLACE PANEL

Remove the protective layer from the foam tape. The panel should be attached no later than 10 minutes after the application of the adhesive. Correction is still possible before the panel touches the FoamTape. Once the panel is positioned correctly, the panel should be pressed and rubbed gently where it comes into contact with the FoamTape. Avoid that the foam tape is pressed together. Correction is now no longer possible.

APPLICATION:

The panels can be glued either in a prefabricated situation or on the construction site. The following processing conditions must be taken into account:

- Do not pre-treat or bond if there is precipitation.
- Do not pre-treat or bond if there is very high humidity, for example in dense fog.



- Prevent condensation on the panels and supporting structure.
- Processing must be done between +5 °C and +30 °C.
- In ceiling applications, the spacing of the support structure must be reduced to 75%.
- Provide adequate ventilation.



Smart help

+ 31 (0) 73 6 244 244

+ 32 (0) 9 255 17 17

Bostik BV

De Voerman 8, 5215 MH 's-Hertogenbosch

Telefoon +31 (0)73 - 6 244 244

www.bostik.nl

Bostik Belux SA - NV

Meulestedekaai 86, B-9000 Gent, België

Telefoon: +32 (0)9 255 17 17

www.bostik.be