

Brief Product Description

All products are made using polyurethane foam, impregnated with various chemical formulas. They are supplied in roll form (pre-compressed to approximately 85%) and have a self-adhesive backing on one side to aid positioning. All products are suitable for internal and external use and may be used under high compression for weather sealing and lower compression for draught sealing.

Compatibility

Tapes are compatible with most known building materials. In all cases, users are advised to conduct their own tests in order to determine the suitability of the product for the particular application.

Storage and Handling

Safety data sheets are available on request. Prior to use all products should be stored in original packaging in dry conditions and at room temperature (between +10 to +25°C). The rolls may expand if not stored flat in original packaging. Shelf Life: 24 months. (Extended storage can result in slow expansion and poor adhesion.)

Application Temperatures

It should be noted that these products may remain compressed for some time following application. The rate of recovery is temperature-dependent. Special consideration must be given to product selection and application in low (below 10°C) or very high ambient temperatures. Expansion rate of tape may be slowed by cooling prior to installation (e.g. in a fridge). It may also be accelerated by heating (using indirect heat source) after installation (see technical literature.) TP445 Compriband VSA 2 is the most temperature-sensitive of the products and may not expand at a satisfactory rate in conditions below 5°C.

Tools

Fitting requires a tape measure, spatula, shear cutters (scissors or a knife) and possibly wooden wedges (Fig. 2). Spraying with water is helpful to minimise adhesive tack during positioning of the tape.

Tape Selection

The tape should be selected so that the roll width (joint depth) is at least equal to the tape thickness in service (joint width). For applications outside of this instruction, please consult our sales office.

Surface Treatment

All surfaces on which the tape is to be applied should be free from irregularities (no sharp, large obstructions or voids.) Loose particles should be removed and oily surfaces cleaned.

Use of a Primer

When weather-sealing joints with very porous surfaces the use of a suitable primer is recommended. Using illbruck Primer will increase adhesion, surface stability and waterproofing properties. Use a paint brush to apply the primer in a thin, even coat. Application and drying rate will vary according to absorbency of substrates, ambient



Impregnated Foam Tapes Application Instructions

**TP445
Compriband VSA 2**

**TP600
Compriband 600**

**TP605
Compriband Super**

**TP446
Compriband
Super FR**

**TP450
Compriband
Timber Max**

Impregnated Foam Tapes

Application Instructions

temperature and humidity. One litre of illbruck Primer will cover up to 200 linear metres at 4 cm wide (depending on surface condition). The primer may be applied to damp but not wet surfaces and the tape can be applied 15- 20 mins after priming.

NOTE: Please be advised that these instructions are meant as a guide only. We recommend that you carry out own testing according to the specific application. The TP600 Compriband 600 guarantee is only valid upon receipt of the correct registration documentation in accordance with the relevant terms and conditions. Please speak to your representative for more information.

Opening the Roll

Locate the end of the tape (under the protective wrapping on the roll). Insert scissors under the top winds of paper and cut the protective wrapping. Retain the outer winds of wrapping in order to re-close the roll if not completely used. Cutting will reveal a white release paper which is removed to access the self-adhesive face (Fig. 1). Clear filmic release is used for TP450 Compriband Timber MAX.

Important: Cut off the small, tapered section of tape at the beginning and end of the roll. These small sections will not expand fully in the joint and should not be used.

Cutting and Jointing

An additional 10 mm per metre should be allowed when cutting tape length. This will allow for tight butt joints at the ends. Corners and intersections should be made by linking two sections in a compressed butt joint (Fig. 3). Ensure that the tape has good square ends, oversize the lengths and ensure a tight, compressed joint.

Application

Do not unwind all of the tape as expansion can make insertion difficult. Unwind the roll in short lengths, peel back the release paper and position the product edgewise into the gap. For vertical joints, work from the bottom of the joint upwards to minimise stretching.

The exposed adhesive face is used to locate the tape in the required position. The tape should be recessed in the joint by at least 2 mm from any radius or edge and placed between flat, parallel surfaces (some deviation can be accommodated*). Careful joint design can ensure that differential movement does not force the product out of the joint. If sealing between dissimilar substrates it is advisable to bond the adhesive face to the smoothest surface.

The self-adhesive side of the tape may not provide sufficient grab on damp or rough surfaces. illbruck Primer may be used to improve adhesion in these conditions. Alternatively, wedges can be used to hold the tape in the correct location during expansion. Once expanded, the tape will be secure and the wedges may be removed. Wedges can also be used to secure one end of the tape to prevent movement while fitting (Fig. 2).

Care must be taken not to stretch the tape, especially at intersections, joints and corners. (Figs. 3 & 4) Do not use a continuous length of tape to seal around sharp corners. In assembly of prefabricated parts the tape should not be over-

compressed when the mating parts are fixed together. The TP600 BBA certificate shows specific jointing details for walls, doors, windows and timber frame brick-clad buildings. In perimeter sealing of windows, Compriband 600 is bonded to the window frame. This will allow differential movement against the stationary brickwork in timber frame buildings without loss of adhesion. Apply the tape to the horizontal sections before the vertical sides, (Fig. 4).

A min 25 mm wide tape should be used and allowed to consolidate for 7-10 days prior to water hose testing. The tape length should always be measured against the aperture size and not the window frame.

Painting & Finishing

The tapes are generally compatible with most common building materials and sealants. The user is advised to check the compatibility of all painting and finishing compounds. It should be noted that any over-coatings or sealants used should accommodate the anticipated joint movement.

* Contact Sales Office for more advice.

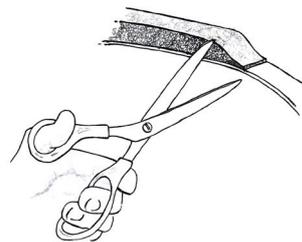


Fig 1: Cut tapered end sections from roll before use

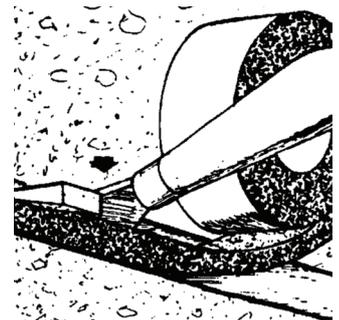


Fig 2: Wedges to aid positioning

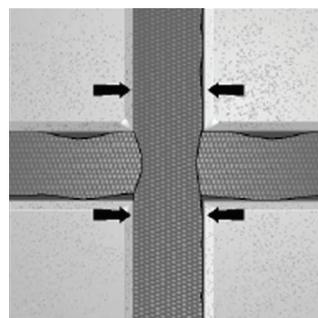


Fig 3: Example of intersection

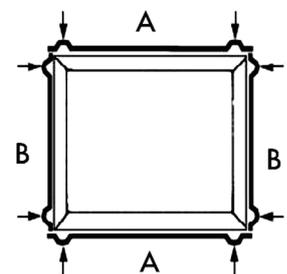


Fig 4: A applied before B

Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 0191 419 0505.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco

illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



tremco illbruck Limited
3A Walton Road, Pattinson North
Washington NE38 8QA
United Kingdom
T: +44 191 419 0505
F: +44 191 419 2200

sales.uk@tremco-illbruck.com
www.tremco-illbruck.co.uk