

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.)

Tools

Fitting requires a tape measure, spatula/flat bladed tool, 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 or 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 ME901 Butyl & Bitumen Primer (brushable) or ME902 (aerosol) will increase adhesion, surface stability and waterproofing properties. Use a paint brush to apply the ME901 primer in a thin, even coat. Application and drying rate will vary according to absorbency of substrates, ambient temperature and humidity. One litre of ME901 Primer will cover up to



Impregnated Foam Tapes Application Instructions

TP600
Compriband 600

TP605
Compriband Super

TP446
**Compriband
Super FR**

TP450
**Compriband
Timber Max**

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200 linear metres at 40 mm wide (depending on surface condition). The coverage rate of ME902 is approximately 50 linear metres per 500 ml can based on a 40 mm wide spray width. The primer may be applied to damp but not wet surfaces and the tape can be applied 15- 20 mins after priming.

Opening the Roll

Locate the end of the tape (under the protective wrapping on the roll). Insert scissors or shears 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. Alternatively, use an illbruck tape clip to keep the end of the roll closed. Cutting will reveal a white release paper which is removed to access the self-adhesive face (Fig. 1).

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 the tape length. Corners and intersections should be made by linking two sections in a compressed butt joint (Fig. 3). Ensure that the tape has square ends, oversize the lengths and ensure a tight, compressed joint.

Application

Do not unwind all of the tape at once as expansion can make insertion into the joint 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 (fig.2). Once expanded, the tape will be secure and the wedges may be removed. 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 corners. In the 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 installed into timber frame construction, Compriband TP450 is bonded to the window frame. This will allow differential movement at the head and cill and against the brickwork at the jambs without loss of adhesion. For general perimeter sealing to windows, apply

the tape to the horizontal sections before the vertical sides, (Fig. 4).

A minimum 25 mm wide tape should be used and allowed to consolidate for 7-10 days following application prior to hose testing (to CWCTTN41). 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, whilst noting that sealing over the tape is not necessary to ensure weather performance. It should be noted that any coatings or sealants used over the tape should accommodate the anticipated joint movement. Sealants should only be applied following the normal 2:1 width : depth ratio and there is a strong possibility that three-sided adhesion will occur in the joint as the sealant is likely to bond to the tape face. This is likely to restrict movement of the cured sealant in service.

* Contact Sales Office for more advice.

NOTE: Please be advised that these instructions are meant as a guide only. We recommend that the user carries out their 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 area representative for more information.

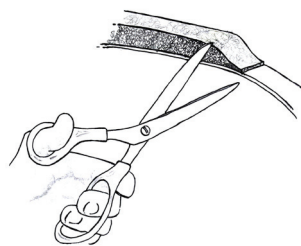


Fig 1: Cut tapered end sections from roll before use

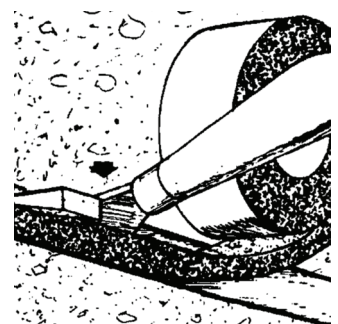


Fig 2: Wedges to aid positioning

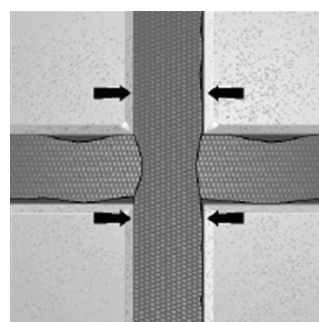


Fig 3: Example of intersection

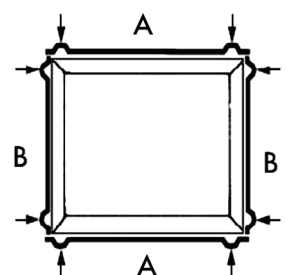


Fig 4: A applied before B

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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.



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