

Combband 300, the specially impregnated, pre-compressed joint sealing tape, has many areas of application in modern building construction due to its characteristics, where requirements for reliable joint solutions are even more significant today than a few years ago. The product consists of a vapour diffusion-open material, the risk of wood rot and of fungal attack in adjoining materials is thereby substantially reduced. In its compressed state Combband 300 seals reliably against sound, driving rain, dust, draft as well as heat loss.

Combband 300 corresponds to building materials load classification BG 2 and was especially developed for joint constructions in lower buildings up to a height of 20 m.

Furthermore, Combband 300 is a heavy inflammable building product according to the German building product standard DIN 4102 – Part 1.

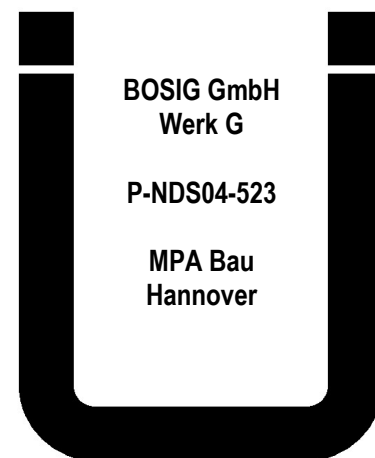
It is strongly self-adhesive on one side so as to facilitate mounting, and extensively workable independent of temperature.

Material:

Open-cellular polyurethane foam, modified with an impregnate on acrylate basis.

Scope of application:

- Sealant between window/door frames and brick-work
- Connecting joints between window sill and brick-work
- Sealant of partition wall components
- Sealant of coupling profiles
- Joints of skylights
- Sealant within the roof area
- Sound and oscillation damping in the ventilation and climatic area
- Sealant in the automobile industry
- As sealant material with window assembly
- Available in the dimensions 6 mm x 5,6 m and 10 mm x 3,3 m as Combband 300 Plus with enlarged expansion



Technical data:

Colour	anthracite	
Fire behaviour	building material class B 1 (flame retardant)	ac. to DIN 4102, Part 1 – MPA Test certificate No.: P-NDS04-523
Building materials load classification	BG 2	ac. to DIN 18 542
Driving rain-proof	demand of BG 2 fulfilled up to 300 Pa	ac. to DIN 18 542
Vapour diffusion resistance value	$\mu \leq 100$	ac. to EN ISO 12 572
Joint permeability	$a < 0.1 \text{ m}^3 / (\text{h} \cdot \text{m} \cdot (\text{daPa})^n)$	ac. to DIN 18 542
Temperature resistance	-30 °C to +90 °C, +120 °C for short periods	
Compatibility with other building materials	fulfilled for BG	ac. to DIN 18 542
Shelf-life	1 year	ac. to DIN 53 421
Storage temperature	+10 °C to +20 °C	

Processing:

The bonding surface must be cleaned, oil and grease-free as well as dry. Cut off Combband 300 with an excess length of approx. 2 %. The first 3 cm of each roll are to be cut off. Remove covering foil and press Combband 300 onto the suitable surface. Apply sealing tape approx. 2-3 mm from joint upper edge. Never let the tape run around corners. The ends should always meet blunt. The excess length of the Combband 300 is pressed into the corners. Run continuously through vertical joints. The ends of the lengths are to be pressed together, when elongating Combband 300. Overlapping is not permitted!

Please note: Combband 300 is always to be stored at a moderate temperature.
No cleaning with compressed air or strong vinegary solutions.
Combband 300 may be painted with water-soluble colours.

Combband 300 is suitable for driving rain-proof sealing of joints up to 300 Pa depending upon joint width and corresponds to building materials load classification BG 2 according to DIN 18 542:

Characterization of the tapes	suitable for driving rain-proof joint sealing up to 300 Pa at joint widths of
2 x 10 mm x 12.5 m 2 x 15 mm x 12.5 m	2-3 mm
3 x 10 mm x 10 m 3 x 15 mm x 10 m	3-5 mm
4 x 15 mm x 8 m 4 x 20 mm x 8 m	4-7 mm
6 x 15 mm x 5.6 m 6 x 20 mm x 5.6 m	6-10 mm
8 x 20 mm x 4.3 m	8-13 mm
10 x 20 mm x 3.3 m	10-15 mm

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2026. Please request the latest version after Jan. 01, 2027.

Dr. Hermann, Anwendungstechnik / Application Technology, Gingen / Fils